Summaries of British Columbia Herring Sampling Data for the 1982-83 Season

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December 1983

Canadian Data Report of Fisheries and Aquatic Sciences No. 431

Canadian Data Report of
Fisheries and Aquatic Sciences

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Rapport statistique canadien des
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Ces rapports servent de base à la compilation des données de classement et d'archives pour lesquelles il y a peu ou point d'analyse. Cette compilation aura d'ordinaire été préparée pour appuyer d'autres publications ou rapports. Les sujets des Rapports statistiques reflètent la vaste gamme des intérêts et politiques du Ministère des Pêches et des Océans, notamment gestion des pêches, techniques et développement, sciences océaniques et environnements aquatiques, au Canada.

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Le titre exact paraît au haut du résumé de chaque rapport.

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Cat. No. Fs 97-13/431 ISSN 0706-6465

ABSTRACT

Rosenfeld, L., M. Stocker, and V. Haist. 1983. Summaries of British Columbia herring sampling data for the 1982-83 season. Can. Data Rep. Fish. Aquat. Sci. No. 431: v + 281 p.

Age compositions and the average length and weight at age, the sex ratio, and the maturity stages of combined samples by geographical area, time period, gear type, and source are tabulated. Tables are given for two geographical groupings: statistical areas and sections.

Key words: Clupea harengus pallasi

RÉSUMÉ

Rosenfeld, L., M. Stocker, and V. Haist. 1983. Summaries of British Columbia herring sampling data for the 1982-83 season. Can. Data Rep. Fish. Aquat. Sci. No. 431: v + 281 p.

On présente sous forme de tableaux la composition par âge, la longueur et le poids moyens selon l'âge, la proportion des sexes et les stades de maturité des échantillons combinés selon la zone, la période, le type d'engin et l'origine des données. Les tableaux sont disposés en fonction de deux groupements géographiques, soit les sections et les zones statistiques.

Mots-clés: Clupea harengus pallasi

LIST OF TABLES

	Page
Table 1. Number of herring samples collected in British Columbia for the 1982-83 season by gear type and division.	4
Table 2. Number of herring samples and number of fish collected in British Columbia for the 1982-83 season by source and division.	5
Table 3. Week numbers for Pacific herring data for the 1982-83 season.	6
Table 4. Maturity stages for Pacific herring. The descriptions of each stage are adapted from criteria developed for Atlantic herring (Bowers and Holliday 1961; Parrish and Saville 1965) and modified to suit the unique characteristics of Pacific herring which are exclusively winter-spring spawners.	7
Table 5. Seine commercial food sample summaries by area.	9
Table 6. Seine commercial food sample summaries by section.	12
Table 7. Trawl commercial food sample summaries by area.	17
Table 8. Trawl commercial food sample summaries by section.	18
Table 9. Pre-fishery charter sample summaries by area.	20
Table 10. Pre-fishery charter sample summaries by section.	39
Table 11. Seine roe fishery sample summaries by area.	83
Table 12. Seine roe fishery sample summaries by section.	90
Table 13. Gillnet roe fishery sample summaries by area.	100
Table 14. Gillnet roe fishery sample summaries by section.	106
Table 15. Seine sample summaries by section and week.	114
Table 16. Trawl sample summaries by section and week.	235
Table 17. Inshore research sample summaries by section and week.	240
Table 18. Inshore research sample summaries by area and week.	261
Table 19. Seine commercial bait sample summaries by area.	273

LIST OF FIGURES

		Page
Fig. 1.	Herring sections in northern British Columbia.	275
Fig. 2.	Herring sections in southern British Columbia.	277
Fig. 3.	Statistical areas in northern British Columbia.	279
Fig. 4.	Statistical areas in southern British Columbia.	281

INTRODUCTION

Biological samples of herring are collected on an annual basis. The information obtained is used in stock assessments, and for determining stock characteristics. Length, weight, sex, maturity, age, and gonad weight, are determined for individual fish. The data are summarized in various formats for different analysis. Biological characteristics are summarized in this report by various geographical groupings, time periods, gear types, and source types. This information is used by fishery managers in the field prior to and during fisheries in their respective areas.

The sampling data also form an integral part of Hourston's stock assessment method (Hourston and Schweigert 1981). Estimates of the age composition, the average length, average weight, and percent females at age in the catch summarized by section, week, and gear are calculated by computer analysis. These summaries combined with estimates of spawning escapements from egg depositions are added to an ongoing inventory of the stocks. The sampling information is also used for alternative stock assessment methods (Stocker et al. 1983).

Detailed sampling data have been archived since the 1950-51 season (Hourston and Isaacson 1972). Individual fish records are maintained on permanent computer files providing a 33-year series of data accessible for analyses and modelling.

METHODS

COLLECTION AND PROCESSING OF SAMPLES

Samples are collected from a variety of sources with the majority obtained from commercial catches and from pre-fishery charter and research cruises. Port samplers collect catch samples for all major fisheries from vessels unloading at processing plants. The objective of the catch sampling program is to obtain 10 samples from each seine roe fishery and six samples from each gillnet roe fishery. When the fisheries occur over relatively large geographical areas or over a number of days an attempt is made to collect samples throughout the range of the fishery.

Samples from the test fisheries are collected by fisheries officers aboard the pre-fishery charter vessels. Research samples, primarily from the herring tagging program, are collected by staff of the Pacific Biological Station.

Samples are frozen on board vessels or at district offices and later shipped to the Pacific Biological Station where they are processed following standard procedures described by Hourston and Miller (1980).

DATA COMPILATION AND SCREENING

The recorded data are entered onto computer tapes. The data are screened by computer for relationships between age, length, and weight which are outside the normal range for the coast as a whole (mean ± 2 standard deviations). Anomalies are listed and the associated data checked for possible errors in recording or coding.

RESULTS

Number of herring samples collected in British Columbia for the 1982-83 season are summarized by gear type and division (Table 1). Number of samples and number of fish collected are also summarized by source and statistical area (Table 2).

The summary reports include various groupings of samples by geographical area, time period, gear type, and source (Tables 5-19). The two levels of geographic grouping used are sections (Figs. 1 and 2) and statistical areas (Figs. 3 and 4). The time periods used are weeks (Table 3) and season.

Each summary contains information on the age composition, the average length and weight at age, the sex ratio, and the maturity stages of the combined samples in that report. Female roe maturity is defined as:

immature - Hjort stages 1-4 (Table 4)
mature - Hjort stages 5-6 (Table 4)
spent - Hjort stages 7-8 (Table 4)

Fish classified as immature in estimating the sex ratio are those whose gonads are not developed for distinguishing their sex.

ACKNOWLEDGMENTS

Bruce McCarter kept track of all the samples. We thank Margret Burke and the Fish Ageing Unit for determining the ages. Unicore Services Ltd. collected and processed the samples. The figures were prepared by Doug Miller.

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TABLE 1. Number of herring samples collected in British Columbia for the 1982-83 season by gear type and division.

Gear type	Queen Charlotte Islands	North Coast	Central Coast	Johnstone Strait	Gulf of Georgia	West Coast Vancouver Island	All
Gillnet	13		25		6	7	51
Herring seine	73	55	61	22	202	39	452
Herring trawl					6		6
Other	2			1		2	5
All	88	55	86	23	214	48	514

Table 2. Number of herring samples and number of fish collected in British Columbia for the 1982-83 season by source and division.

	Roe fishery			Food fishery			Inshore research			Pre-fish charter			Other			All		
	No. of samples	No. of fish	Fish aged	No. of samples	No. of fish	Fish aged	No. of samples	No. of fish	Fish aged	No. of samples	No. of fish	Fish aged	No. of samples	No. of fish	Fish aged	No. of samples	No. of fish	Fish aged
Area 2W	12	1196	1040							26	2513	2395				38	3709	3435
Area 1				9	789	595										9	789	595
Area 2E	23	2281	1662							11	1094	1026	7	666	623	41	4041	3311
Queen Charlotte Islands Division total	35	3477	2702	9	789	595				37	3607	3421	7	666	623	88	8539	7341
Area 3										29	2895	2659				29	2895	2659
Area 4										5	499	454				5	499	454
Area 5										21	2094	1919				21	2094	1919
North Coast Division total										55	5488	5032				55	5488	5032
Area 6	7	698	472							11	1047	967				18	1745	1439
Area 7	33	3295	2688							34	3277	3086				67	6572	5774
Area 8										1	100	96				1	100	96
Central Division total	40	3993	3160							46	4424	4149				86	8417	7309
Area 12										2	200	191	1	97	89	3	297	280
Area 13				2	197	180	12	1180	1022	6	596	539				20	1973	1741
Johnstone Strait Division total				2	197	180	12	1180	1022	8	796	730	1	97	89	23	2270	2021
Area 14	17	1687	1366							13	1294	1123				30	2981	2489
Area 15	15	1499	1372							43	4256	3955				58	5755	5327
Area 16										6	593	527				6	593	527
Area 17	10	995	857	26	2582	1910	45	4425	3504	28	2760	2413	1	100	76	110	10862	8760
Area 18										6	592	489				6	592	489
Area 19							4	399	276							4	399	276
Gulf of Georgia Division total	42	4181	3595	26	2582	1910	49	4824	3780	96	9495	8507	1	100	76	214	21182	17868
Area 23	10	917	809							12	1174	1040				22	2091	1849
Area 24										12	1194	1093				12	1194	1093
Area 25	6	598	519							5	500	444				11	1098	963
Area 27	1	100	80							2	105	101				3	205	181
WCVI Division total	17	1615	1408							31	2973	2678				48	4588	4086
Total for coast	134	13266	10865	37	3568	2685	61	6004	4802	273	26783	24517	9	863	788	514	50484	43657

TABLE 3. Week numbers for Pacific herring data for the 1982-83 season.

Number	Dates	Number	Dates
1	July 1-3	27	Dec. 26-Jan. 1
2	July 4-10	28	Jan. 2-8
3	July 11-17	29	Jan. 9-15
4	July 18-24	30	Jan. 16-22
5	July 25-31	31	Jan. 23-29
6	Aug. 1-7	32	Jan. 30-Feb. 5
7	Aug. 8-14	33	Feb. 6-12
8	Aug. 15-21	34	Feb. 13-19
9	Aug. 22-28	35	Feb. 20-26
10	Aug. 29-Sept. 4	36	Feb. 27-Mar. 5
11	Sept. 5-11	37	Mar. 6-12
12	Sept. 12-18	38	Mar. 13-19
13	Sept. 19-25	39	Mar. 20-26
14	Sept. 26-Oct. 2	40	Mar. 27-Apr. 2
15	Oct. 3-9	41	Apr. 3-9
16	Oct. 10-16	42	Apr. 10-16
17	Oct. 17-23	43	Apr. 17-23
18	Oct. 24-30	44	Apr. 24-30
19	Oct. 31-Nov. 6	45	May 1-7
20	Nov. 7-13	46	May 8-14
21	Nov. 14-20	47	May 15-21
22	Nov. 21-27	48	May 22-28
23	Nov. 28-Dec. 4	49	May 29-Jun. 4
24	Dec. 5-11	50	Jun. 5-11
25	Dec. 12-18	51	Jun. 12-18
26	Dec. 19-25	52	Jun. 19-25
		53	Jun. 26-30

Table 4. Maturity stages for Pacific herring. The descriptions of each stage are adapted from criteria developed for Atlantic herring (Bowers and Holliday 1961; Parrish and Saville 1965) and modified to suit the unique characteristics of Pacific herring which are exclusively winter-spring spawners.

Stage	State of maturity	Gonad appearance	Description	Timing
I.	Undeveloped	Thread-shaped	Virgin herring with small gonads, less than 2 mm broad. Accurate macroscopic determination of sex not usually possible.	Year-round for young herring, usually less than 150 mm in standard length.
II.	Starting	Ribbon-shaped	Gonads increased in breadth to 3-5 mm. Sex determination possible. Testes reddish-gray colored and knife-shaped; ovaries reddish-wine colored and rounder. (The gonads of virgins and some repeat spawners cannot be distinguished macroscopically.)	Late spring and early summer.
III.	Developing	Tube-like	Gonads thickened, increased in breadth (5-15 mm) and elongated, but not extending full length of body cavity. Ovaries red to reddish-orange with granular appearance; testes reddish-gray with smooth texture.	Late summer and early fall.
IV.	Maturing	Prominent	Gonads extend full length of body cavity. Ovaries reddish-orange to yellow; eggs distinguishable, opaque, variable in size and separable. Testes mostly grey; and will ooze sperm if sliced with a knife. Blood vessels clearly visible in the ovary and testes walls.	Late fall and early winter (slightly earlier in males than females).

Table 4 (cont'd)

Stage	State of maturity	Gonad appearance	Description	Timing
V.	Mature	Bulging	No blood vessels visible in gonad walls. Ovaries gold-yellow; eggs mostly transparent and uniform in size. Eggs can be exuded from the ovary under pressure and are adhesive on contact. Testes milk-white; sperm will flow under pressure.	Early winter for males, late winter for females.
VI.	Ripe	Running	Eggs transparent. Eggs and sperm flow easily without external pressure.	A few days prior to spawning (usually in late winter or early spring).
VII.	Spent	Baggy	Gonads slack. Ovaries may contain a few residual eggs. Testes limp and bloodshot.	Early spring for the first few weeks following spawning.
VIII.	Recovering	Compressed	Gonads wine-colored and usually longer and thicker than in Stage II. Blood vessels prominent. (This stage passes into Stage III, but may resemble Stage II in the process.)	Late spring and early summer.

TABLE 5 SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY AREA

AREA: 1 - NORTH COAST Q.C.I.

SAMPLE NUMBERS: 69, 71, 75, 65, 68, 73, 76, 74, 77

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 22/82 - NOV 30/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	38	38	101	32	318	27	11	16	14	194	789
% AT AGE	0.00	6.39	6.39	16.97	5.38	53.45	4.54	1.65	2.69	2.35	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.32	185.97	204.61	213.13	224.16	232.41	244.82	245.44	251.57	216.13	215.67
- STD. DEV.	0.00	7.41	9.87	11.46	8.26	9.21	9.75	14.81	12.87	11.53	16.97	21.37
WEIGHT - MEAN(gm)	0.00	59.13	101.21	137.57	154.50	186.48	206.81	222.73	230.44	237.71	168.63	167.29
- STD. DEV.	0.00	9.17	16.32	24.03	16.35	23.41	21.14	31.78	31.58	24.71	36.93	44.95

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	28	240	484	37	0	0	0	0
% AT STAGE	0.00	3.55	30.42	61.34	4.69	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	397	1	0	398
%	99.75	0.25	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	388	398	2	788
%	49.24	50.51	0.25	100.00
MEAN WEIGHT	165.08	169.45	171.50	167.30
% SAMP. WT.	48.58	51.16	0.26	100.00

TABLE 5 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY AREA

AREA: 13 - QUATHIASKI

SAMPLE NUMBERS: 86, 85

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 23/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	49	85	25	14	5	0	2	0	0	17	197
% AT AGE	0.00	27.22	47.22	13.89	7.78	2.78	0.00	1.11	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	148.59	173.46	178.40	186.29	188.20	0.00	203.50	0.00	0.00	167.65	168.99
- STD. DEV.	0.00	12.11	13.45	12.67	12.82	11.45	0.00	4.95	0.00	0.00	20.78	18.68
WEIGHT - MEAN(gm)	0.00	48.78	81.62	91.36	101.36	106.00	0.00	151.00	0.00	0.00	81.76	77.43
- STD. DEV.	0.00	13.87	19.13	24.16	24.27	26.20	0.00	9.90	0.00	0.00	34.13	27.94

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	47	116	33	0	0	0	0	0
% AT STAGE	0.51	23.86	58.88	16.75	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	89	0	0	89
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	108	89	0	197
%	54.82	45.18	0.00	100.00
MEAN WEIGHT	80.21	74.04	0.00	77.43
% SAMP. WT.	56.80	43.20	0.00	100.00

TABLE 5 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY AREA

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 15, 37, 45, 16, 38, 39, 18, 40, 17, 6, 41, 20, 25, 21, 12, 44, 36, 28, 9, 43, 33

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 22/82 - DEC 1/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	11	251	482	378	206	77	89	44	9	539	2086
% AT AGE	0.00	0.71	16.22	31.16	24.43	13.32	4.98	5.75	2.84	0.58	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.27	188.52	203.36	210.62	216.30	219.32	226.87	232.00	236.00	204.70	206.66
- STD. DEV.	0.00	8.67	9.35	8.09	7.69	7.87	7.03	7.83	7.36	11.70	14.11	14.28
WEIGHT - MEAN(gm)	0.00	73.55	106.11	135.32	153.81	167.20	175.03	195.36	207.05	210.11	140.23	145.11
- STD. DEV.	0.00	9.03	15.52	16.69	18.06	17.94	18.28	18.98	20.21	23.80	30.16	31.58

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	16	918	1147	3	0	0	1	0
% AT STAGE	0.05	0.77	44.01	54.99	0.14	0.00	0.00	0.05	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1000	1	1	1002
%	99.80	0.10	0.10	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	1082	1002	0	2084
%	51.92	48.08	0.00	100.00
MEAN WEIGHT	143.63	146.71	0.00	145.11
% SAMP. WT.	51.39	48.61	0.00	100.00

TABLE 6 SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 11 - OTHER AREA 1

SAMPLE NUMBERS: 69, 71, 75, 65, 68, 73, 76, 74

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 22/82 - NOV 30/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	6	26	76	30	300	27	11	15	12	187	690
% AT AGE	0.00	1.19	5.17	15.11	5.96	59.64	5.37	2.19	2.98	2.39	0.00	100.00
LENGTH - MEAN(mm)	0.00	153.83	188.85	208.16	213.60	224.51	232.41	244.82	246.60	251.25	217.50	219.96
- STD. DEV.	0.00	3.97	8.62	8.86	7.70	9.08	9.75	14.81	12.43	12.50	14.92	16.53
WEIGHT - MEAN(gm)	0.00	52.50	104.88	143.80	154.93	187.76	206.81	222.73	234.73	239.08	171.27	175.94
- STD. DEV.	0.00	7.82	14.34	19.88	16.46	22.98	21.14	31.78	27.43	26.55	33.46	37.31

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	7	200	448	35	0	0	0	0
% AT STAGE	0.00	1.01	28.99	64.93	5.07	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	342	1	0	343
%	99.71	0.29	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	344	343	2	689
%	49.93	49.78	0.29	100.00
MEAN WEIGHT	172.18	179.78	171.50	175.96
% SAMP. WT.	48.85	50.86	0.28	100.00

TABLE 6 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 12 - NADEN HARBOUR

SAMPLE NUMBERS: 77

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 28/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	32	12	25	2	18	0	0	1	2	7	99
% AT AGE	0.00	34.78	13.04	27.17	2.17	19.57	0.00	0.00	1.09	2.17	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.97	179.75	193.84	206.00	218.28	0.00	0.00	228.00	253.50	179.71	185.78
- STD. DEV.	0.00	7.76	9.85	11.88	16.97	9.71	0.00	0.00	0.00	0.71	27.46	26.84
WEIGHT - MEAN(gm)	0.00	60.38	93.25	118.64	148.00	165.11	0.00	0.00	166.00	229.50	98.14	107.04
- STD. DEV.	0.00	8.97	18.10	25.95	18.38	20.42	0.00	0.00	0.00	4.95	56.11	47.60

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	21	40	36	2	0	0	0	0
% AT STAGE	0.00	21.21	40.40	36.36	2.02	0.00	0.00	0.00	0.00

RDE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	55	0	0	55
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	44	55	0	99
%	44.44	55.56	0.00	100.00
MEAN WEIGHT	109.55	105.04	0.00	107.04
% SAMP. WT.	45.48	54.52	0.00	100.00

TABLE 6 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 86, 85

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 23/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	49	85	25	14	5	0	2	0	0	17	197
% AT AGE	0.00	27.22	47.22	13.89	7.78	2.78	0.00	1.11	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	148.59	173.46	178.40	186.29	188.20	0.00	203.50	0.00	0.00	167.65	168.99
- STD. DEV.	0.00	12.11	13.45	12.67	12.82	11.45	0.00	4.95	0.00	0.00	20.78	18.68
WEIGHT - MEAN(gm)	0.00	48.78	81.62	91.36	101.36	106.00	0.00	151.00	0.00	0.00	81.76	77.43
- STD. DEV.	0.00	13.87	19.13	24.16	24.27	26.20	0.00	9.90	0.00	0.00	34.13	27.94

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	47	116	33	0	0	0	0	0
% AT STAGE	0.51	23.86	58.88	16.75	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	89	0	0	89
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	108	89	0	197
%	54.82	45.18	0.00	100.00
MEAN WEIGHT	80.21	74.04	0.00	77.43
% SAMP. WT.	56.80	43.20	0.00	100.00

TABLE 6 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 37, 45, 16, 39, 18, 40, 17, 6, 41, 20, 21, 12, 44, 36, 9, 43

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 22/82 - DEC 1/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	9	169	379	302	152	69	76	35	7	394	1592
% AT AGE	0.00	0.75	14.11	31.64	25.21	12.69	5.76	6.34	2.92	0.58	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.67	189.22	203.43	210.74	216.03	218.68	226.64	232.23	237.71	205.93	207.48
- STD. DEV.	0.00	9.62	9.12	7.91	7.55	7.49	6.75	8.12	6.17	12.93	12.42	13.53
WEIGHT - MEAN(gm)	0.00	74.00	108.09	136.35	154.31	167.28	173.88	195.04	205.74	213.71	143.51	147.42
- STD. DEV.	0.00	10.00	15.30	16.61	17.91	17.02	18.57	19.30	18.78	22.43	27.92	30.35

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	10	652	925	3	0	0	1	0
% AT STAGE	0.06	0.63	40.95	58.10	0.19	0.00	0.00	0.06	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	759	1	1	761
%	99.74	0.13	0.13	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	829	761	0	1590
%	52.14	47.86	0.00	100.00
MEAN WEIGHT	145.83	149.18	0.00	147.43
% SAMP. WT.	51.57	48.43	0.00	100.00

TABLE 6 (CONT.) SEINE COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 33, 28, 25, 38, 15

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

DATE: NOV 22/82 - NOV 30/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	2	82	103	76	54	8	13	9	2	145	494
% AT AGE	0.00	0.57	23.50	29.51	21.78	15.47	2.29	3.72	2.58	0.57	0.00	100.00
LENGTH - MEAN(mm)	0.00	165.50	187.07	203.13	210.16	217.06	224.88	228.15	231.11	230.00	201.36	204.02
- STD. DEV.	0.00	2.12	9.70	8.71	8.27	8.89	7.36	5.97	11.31	0.00	17.51	16.20
WEIGHT - MEAN(gm)	0.00	71.50	102.02	131.50	151.82	166.98	184.88	197.23	212.11	197.50	131.31	137.64
- STD. DEV.	0.00	2.12	15.28	16.51	18.62	20.48	12.45	17.56	25.71	33.23	34.07	34.26

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	6	266	222	0	0	0	0	0
% AT STAGE	0.00	1.21	53.85	44.94	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	241	0	0	241
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	253	241	0	494
%	51.21	48.79	0.00	100.00
MEAN WEIGHT	136.42	138.93	0.00	137.64
% SAMP. WT.	50.76	49.24	0.00	100.00

TABLE 7 TRAWL COMMERCIAL FOOD SAMPLE SUMMARIES BY AREA

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 13, 42, 46, 19, 35

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

DATE: NOV 23/82 - DEC 1/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	67	129	66	46	16	19	14	2	133	496
% AT AGE	0.00	1.10	18.46	35.54	18.18	12.67	4.41	5.23	3.86	0.55	0.00	100.00
LENGTH - MEAN(mm)	0.00	166.25	186.49	202.71	211.71	220.59	227.50	228.47	230.86	231.50	203.62	206.02
- STD. DEV.	0.00	5.06	9.33	8.10	7.84	6.26	7.24	9.09	8.97	0.71	16.01	16.21
WEIGHT - MEAN(gm)	0.00	72.25	105.21	133.56	156.50	175.26	191.56	196.21	197.79	192.50	139.38	144.04
- STD. DEV.	0.00	9.71	16.57	14.08	19.29	19.04	18.85	18.96	24.84	19.09	32.58	33.97

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	3	274	219	0	0	0	0	0
% AT STAGE	0.00	0.60	55.24	44.15	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	263	0	0	263
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	233	263	0	496
%	46.98	53.02	0.00	100.00
MEAN WEIGHT	139.52	148.04	0.00	144.04
% SAMP. WT.	45.50	54.50	0.00	100.00

TABLE 8 TRAWL COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 13, 42, 46

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

DATE: NOV 23/82 - DEC 1/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	2	24	77	48	26	10	16	8	2	83	296
% AT AGE	0.00	0.94	11.27	36.15	22.54	12.21	4.69	7.51	3.76	0.94	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.00	186.71	201.87	211.77	220.69	228.20	230.00	231.38	231.50	207.49	208.63
- STD. DEV.	0.00	5.66	10.45	7.91	7.23	5.19	8.02	7.52	11.50	0.71	12.89	14.97
WEIGHT - MEAN(gm)	0.00	69.00	106.79	135.19	158.79	177.96	194.00	198.25	190.75	192.50	146.36	150.44
- STD. DEV.	0.00	11.31	15.93	14.34	18.08	16.69	22.35	13.38	23.97	19.09	28.26	31.59

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	3	189	104	0	0	0	0	0
% AT STAGE	0.00	1.01	63.85	35.14	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	161	0	0	161
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	135	161	0	296
%	45.61	54.39	0.00	100.00
MEAN WEIGHT	145.44	154.64	0.00	150.44
% SAMP. WT.	44.09	55.91	0.00	100.00

TABLE 8 (CONT.) TRAWL COMMERCIAL FOOD SAMPLE SUMMARIES BY SECTION

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 19, 35

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

DATE: NOV 26/82 - NOV 29/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	2	43	52	18	20	6	3	6	0	50	200
% AT AGE	0.00	1.33	28.67	34.67	12.00	13.33	4.00	2.00	4.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	168.50	186.37	203.94	211.56	220.45	226.33	220.33	230.17	0.00	197.18	202.16
- STD. DEV.	0.00	4.95	8.78	8.30	9.53	7.58	6.22	14.22	4.79	0.00	18.57	17.20
WEIGHT - MEAN(gm)	0.00	75.50	104.33	131.13	150.39	171.75	187.50	185.33	207.17	0.00	127.80	134.56
- STD. DEV.	0.00	10.61	17.03	13.46	21.57	21.65	11.62	41.00	24.80	0.00	36.11	35.22

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	85	115	0	0	0	0	0
% AT STAGE	0.00	0.00	42.50	57.50	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	102	0	0	102
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	98	102	0	200
%	49.00	51.00	0.00	100.00
MEAN WEIGHT	131.37	137.63	0.00	134.56
% SAMP. WT.	47.84	52.16	0.00	100.00

TABLE 9 PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 2W - WEST COAST Q.C.I.

SAMPLE NUMBERS: 115,194,185,118,147,213,132,191,114,123,
180,196,264,176,186,386,183, 97,206,177,
208,256,189,181,139, 98

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 1/83 - MAR 23/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	38	33	1148	61	992	72	23	16	12	118	2513
% AT AGE	0.00	1.59	1.38	47.93	2.55	41.42	3.01	0.96	0.67	0.50	0.00	100.00
LENGTH - MEAN(mm)	0.00	171.24	190.88	206.29	211.74	220.94	229.47	234.00	237.44	245.25	211.55	213.02
- STD. DEV.	0.00	7.53	11.01	10.51	9.90	10.33	11.48	14.01	14.72	11.50	18.00	14.79
WEIGHT - MEAN(gm)	0.00	71.42	106.18	143.40	158.21	177.96	198.15	206.04	199.81	224.25	155.08	159.26
- STD. DEV.	0.00	12.51	19.78	24.78	24.23	27.25	32.39	30.32	30.07	18.40	41.56	34.95

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	0	2	565	1504	338	102	0	1
% AT STAGE	0.04	0.00	0.08	22.48	59.85	13.45	4.06	0.00	0.04

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	523	809	38	1370
%	38.18	59.05	2.77	100.00
% SAMPLE WEIGHT	8.47	17.83	0.09	26.39

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	1141	1370	2	2513
%	45.40	54.52	0.08	100.00
MEAN WEIGHT	147.99	168.69	131.00	159.26
% SAMP. WT.	42.19	57.74	0.07	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 2E - EAST COAST Q.C.I.

SAMPLE NUMBERS: 95,281,214,190,102,197,101,232,204,198, 295

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 7/83 - MAR 28/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	52	66	43	70	712	47	21	11	4	68	1094
% AT AGE	0.00	5.07	6.43	4.19	6.82	69.40	4.58	2.05	1.07	0.39	0.00	100.00
LENGTH - MEAN(mm)	0.00	166.50	181.36	196.40	205.50	209.96	217.60	224.90	234.45	244.75	203.32	205.92
- STD. DEV.	0.00	6.62	11.21	10.54	8.44	9.23	10.84	11.12	14.04	5.25	14.54	15.72
WEIGHT - MEAN(gm)	0.00	71.12	97.74	124.79	140.61	153.89	166.19	180.52	199.45	214.75	139.37	145.39
- STD. DEV.	0.00	9.87	17.08	17.78	18.55	22.30	30.09	22.40	31.71	21.82	31.65	32.48

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	60	947	84	2	0	0
% AT STAGE	0.00	0.00	0.09	5.48	86.56	7.68	0.18	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	40	516	1	557
%	7.18	92.64	0.18	100.00
% SAMPLE WEIGHT	1.45	26.75	0.00	28.20

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	537	557	0	1094
%	49.09	50.91	0.00	100.00
MEAN WEIGHT	134.77	155.63	0.00	145.39
% SAMP. WT.	45.50	54.50	0.00	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 3 - NASS

SAMPLE NUMBERS: 307,341,359,409,421,372,353,360,314,369,
387,408,370,331,379,315,418,319,327,382,
328,310,311,338,424,427,337,323,346

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 9/83 - APR 16/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	404	624	472	92	949	66	28	20	5	234	2894
% AT AGE	0.00	15.19	23.46	17.74	3.46	35.68	2.48	1.05	0.75	0.19	0.00	100.00
LENGTH - MEAN(mm)	0.00	137.93	169.74	186.35	194.79	200.90	211.48	220.39	231.70	238.00	178.63	181.73
- STD. DEV.	0.00	8.88	11.55	12.46	12.61	13.00	13.21	13.80	10.76	8.60	27.01	26.03
WEIGHT - MEAN(gm)	0.00	33.19	73.55	102.31	117.47	132.28	155.05	171.43	194.60	191.40	92.85	98.67
- STD. DEV.	0.00	7.94	16.23	19.40	22.47	23.52	28.24	22.97	22.81	7.99	43.81	42.77

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	271	30	115	857	1370	141	8	0	102
% AT STAGE	9.36	1.04	3.97	29.61	47.34	4.87	0.28	0.00	3.52

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	864	514	4	1382
%	62.52	37.19	0.29	100.00
% SAMPLE WEIGHT	10.71	12.00	0.01	22.72

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	1410	1382	102	2894
%	48.72	47.75	3.52	100.00
MEAN WEIGHT	97.95	104.23	33.14	98.67
% SAMP. WT.	48.37	50.45	1.18	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 4 - SKEENA

SAMPLE NUMBERS: 325,348,340,306,351

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 22/83 - APR 4/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	33	53	43	232	73	13	4	2	45	499
% AT AGE	0.00	0.22	7.27	11.67	9.47	51.10	16.08	2.86	0.88	0.44	0.00	100.00
LENGTH - MEAN(mm)	0.00	173.00	174.73	190.17	203.21	206.03	214.38	226.54	219.00	230.00	201.78	203.54
- STD. DEV.	0.00	0.00	8.64	12.34	10.44	11.18	13.29	10.30	18.20	2.83	19.03	16.28
WEIGHT - MEAN(gm)	0.00	81.00	79.27	105.43	126.00	137.05	152.07	170.08	170.00	201.50	126.29	131.42
- STD. DEV.	0.00	0.00	11.18	15.59	21.24	21.35	22.76	22.94	20.93	28.99	33.61	29.74

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	2	87	197	176	6	30	0	1
% AT STAGE	0.00	0.40	17.43	39.48	35.27	1.20	6.01	0.00	0.20

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	205	48	18	271
%	75.65	17.71	6.64	100.00
% SAMPLE WEIGHT	9.73	5.49	0.08	15.29

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	227	271	1	499
%	45.49	54.31	0.20	100.00
MEAN WEIGHT	132.39	130.55	145.00	131.42
% SAMP. WT.	45.83	53.95	0.22	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 5 - GRENVILLE-PRINCIPE

SAMPLE NUMBERS: 332,407,354,376,321,347,329,312,373,364,
375,326,356,308,417,336,330,339,419,309

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 17/83 - APR 13/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	22	330	283	105	1034	31	11	3	3	172	1994
% AT AGE	0.00	1.21	18.11	15.53	5.76	56.75	1.70	0.60	0.16	0.16	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.36	177.24	189.92	199.55	203.98	214.61	219.09	230.33	242.67	196.37	196.52
- STD. DEV.	0.00	8.69	9.68	10.74	11.59	9.89	11.58	15.20	8.96	16.29	17.44	15.65
WEIGHT - MEAN(gm)	0.00	61.27	84.93	105.64	123.83	136.45	153.94	164.91	198.33	209.00	121.36	121.39
- STD. DEV.	0.00	11.00	14.66	18.78	18.95	21.12	24.73	24.35	60.93	64.09	32.91	30.17

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	8	50	246	1516	134	38	0	0
% AT STAGE	0.10	0.40	2.51	12.34	76.03	6.72	1.91	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	176	787	13	976
%	18.03	80.64	1.33	100.00
% SAMPLE WEIGHT	3.02	24.16	0.02	27.20

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	1018	976	0	1994
%	51.05	48.95	0.00	100.00
MEAN WEIGHT	114.58	128.49	0.00	121.39
% SAMP. WT.	48.19	51.81	0.00	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 6 - BUTEDALE

SAMPLE NUMBERS: 70,290, 83, 82,428,420,111, 72,110, 85, 276

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 3/83 - APR 13/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	6	56	139	95	586	45	28	10	2	80	1047
% AT AGE	0.00	0.62	5.79	14.37	9.82	60.60	4.65	2.90	1.03	0.21	0.00	100.00
LENGTH - MEAN(mm)	0.00	158.33	179.71	190.63	199.85	205.36	207.80	215.00	231.60	230.50	192.27	200.93
- STD. DEV.	0.00	11.84	8.79	11.14	10.86	10.62	13.64	15.59	13.76	2.12	17.28	14.72
WEIGHT - MEAN(gm)	0.00	61.17	91.70	107.47	124.00	135.35	147.69	157.00	185.50	187.00	114.43	127.95
- STD. DEV.	0.00	10.63	14.62	16.39	18.65	21.51	23.03	26.75	37.09	38.18	31.25	27.21

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	12	240	580	210	4	0	1
% AT STAGE	0.00	0.00	1.15	22.92	55.40	20.06	0.38	0.00	0.10

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	183	377	0	560
%	32.68	67.32	0.00	100.00
% SAMPLE WEIGHT	6.56	19.04	0.00	25.60

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	486	560	1	1047
%	46.42	53.49	0.10	100.00
MEAN WEIGHT	121.86	133.27	108.00	127.95
% SAMP. WT.	44.21	55.71	0.08	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 7 - BELLA BELLA

SAMPLE NUMBERS: 142, 62,112, 87,203,239,140,298, 64,257,
162, 65,141, 93,277,230,258,246,160, 86,
66,129,135, 67,130, 68,137,169,267,113,
63,223,156,234

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 1/83 - MAR 22/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	21	243	497	340	1704	164	91	19	7	191	3277
% AT AGE	0.00	0.68	7.87	16.10	11.02	55.22	5.31	2.95	0.62	0.23	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.48	180.65	192.30	202.76	209.25	210.49	216.93	226.05	232.86	200.45	203.49
- STD. DEV.	0.00	10.31	10.69	11.85	9.98	9.70	11.01	9.69	12.86	19.19	17.30	14.71
WEIGHT - MEAN(gm)	0.00	62.05	89.07	109.07	128.86	143.18	146.98	157.04	176.26	183.43	126.02	131.84
- STD. DEV.	0.00	11.75	16.85	23.23	20.27	19.81	22.26	22.30	40.48	37.00	34.16	26.79

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	0	10	1176	1719	300	44	0	27
% AT STAGE	0.03	0.00	0.31	35.89	52.46	9.15	1.34	0.00	0.82

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	951	782	22	1755
%	54.19	44.56	1.25	100.00
% SAMPLE WEIGHT	13.15	13.90	0.02	27.07

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	1493	1755	29	3277
%	45.56	53.56	0.88	100.00
MEAN WEIGHT	124.55	139.11	67.28	131.84
% SAMP. WT.	43.04	56.51	0.45	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 8 - BELLA COOLA

SAMPLE NUMBERS: 202

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 6/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	11	33	8	31	3	7	3	0	4	100
% AT AGE	0.00	0.00	11.46	34.38	8.33	32.29	3.13	7.29	3.13	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	179.09	189.09	198.13	201.19	202.67	206.57	220.00	0.00	182.25	194.75
- STD. DEV.	0.00	0.00	8.54	8.69	8.72	8.79	4.04	12.05	8.54	0.00	9.84	12.78
WEIGHT - MEAN(gm)	0.00	0.00	77.91	95.12	107.00	116.03	111.67	126.71	141.33	0.00	83.75	104.30
- STD. DEV.	0.00	0.00	13.03	14.38	14.42	19.30	4.51	22.54	20.98	0.00	14.91	22.44

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	58	37	1	3	0	0
% AT STAGE	0.00	0.00	1.00	58.00	37.00	1.00	3.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	45	1	1	47
%	95.74	2.13	2.13	100.00
% SAMPLE WEIGHT	21.61	0.44	0.10	22.15

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	53	47	0	100
%	53.00	47.00	0.00	100.00
MEAN WEIGHT	97.89	111.53	0.00	104.30
% SAMP. WT.	49.74	50.26	0.00	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 12 - ALERT BAY

SAMPLE NUMBERS: 126,236

SOURCE: PRE-FISHERY CHARTER

GEAR: OTHER
HERRING SEINE

DATE: MAR 16/83 - MAR 17/83

SPECIMENS AT EACH AGE:

	AGE 1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	18	19	15	106	11	14	7	0	9	200
% AT AGE	0.00	0.52	9.42	9.95	7.85	55.50	5.76	7.33	3.66	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.00	172.17	179.16	190.27	194.09	210.91	224.14	222.43	0.00	198.67	194.49
- STD. DEV.	0.00	0.00	10.26	10.35	8.71	14.13	15.07	11.56	11.40	0.00	18.35	18.59
WEIGHT - MEAN(gm)	0.00	54.00	85.94	91.84	107.87	110.13	147.09	185.86	174.71	0.00	118.89	115.75
- STD. DEV.	0.00	0.00	16.89	19.74	25.85	37.75	48.72	25.15	34.86	0.00	36.73	42.53

HJORT MATURITY STAGES:

	MATURITY STAGE 1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	4	42	66	57	30	0	1
% AT STAGE	0.00	0.00	2.00	21.00	33.00	28.50	15.00	0.00	0.50

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	39	39	12	90
%	43.33	43.33	13.33	100.00
% SAMPLE WEIGHT	12.24	6.80	0.15	19.19

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	109	90	1	200
%	54.50	45.00	0.50	100.00
MEAN WEIGHT	109.67	122.94	132.00	115.75
% SAMP. WT.	51.63	47.79	0.57	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 13 - QUATHIASKI

SAMPLE NUMBERS: 41, 35,138, 39, 14,131

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 26/83 - MAR 18/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	6	313	114	58	38	6	2	1	1	57	596
% AT AGE	0.00	1.11	58.07	21.15	10.76	7.05	1.11	0.37	0.19	0.19	0.00	100.00
LENGTH - MEAN(mm)	0.00	162.00	177.58	188.32	199.43	205.89	204.83	209.50	233.00	226.00	182.88	184.47
- STD. DEV.	0.00	7.90	8.49	10.26	9.21	12.47	9.66	3.54	0.00	0.00	14.59	13.95
WEIGHT - MEAN(gm)	0.00	54.17	77.24	96.32	113.81	122.66	129.83	119.00	180.00	165.00	86.54	88.99
- STD. DEV.	0.00	5.38	10.33	17.01	18.03	21.65	17.75	5.66	0.00	0.00	19.34	21.93

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	3	6	3	402	140	10	32	0	0
% AT STAGE	0.50	1.01	0.50	67.45	23.49	1.68	5.37	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	232	57	8	297
%	78.11	19.19	2.69	100.00
% SAMPLE WEIGHT	13.49	5.20	0.05	18.74

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	298	297	0	595
%	50.08	49.92	0.00	100.00
MEAN WEIGHT	87.66	90.29	0.00	88.97
% SAMP. WT.	49.35	50.65	0.00	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 14 - COMOX

SAMPLE NUMBERS: 247,224,221,170,243,299, 25,268, 15,217, 28,122, 12

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 18/83 - MAR 18/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	27	322	367	233	99	28	31	14	2	171	1294
% AT AGE	0.00	2.40	28.67	32.68	20.75	8.82	2.49	2.76	1.25	0.18	0.00	100.00
LENGTH - MEAN(mm)	0.00	163.56	181.05	196.70	205.49	210.29	214.32	221.35	230.21	230.00	199.75	196.53
- STD. DEV.	0.00	9.59	10.37	10.42	10.76	9.82	10.26	11.51	9.38	14.14	14.31	16.40
WEIGHT - MEAN(gm)	0.00	61.52	87.47	117.17	137.21	147.97	156.86	175.16	189.36	211.00	121.87	118.38
- STD. DEV.	0.00	9.19	17.06	22.60	25.11	25.44	20.71	21.05	31.64	25.46	29.42	33.77

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	0	2	462	615	52	161	0	0
% AT STAGE	0.15	0.00	0.15	35.70	47.53	4.02	12.44	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	311	302	81	694
%	44.81	43.52	11.67	100.00
% SAMPLE WEIGHT	10.11	13.13	0.12	23.36

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	600	694	0	1294
%	46.37	53.63	0.00	100.00
MEAN WEIGHT	114.49	121.73	0.00	118.38
% SAMP. WT.	44.85	55.15	0.00	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 15 - WESTVIEW

SAMPLE NUMBERS: 31, 37, 19, 30, 38, 20,237, 80,241, 18,
61, 36,152,159, 52,151, 78, 92, 90, 88,
56, 40, 76,289,244,157,235,172, 71,150,
24, 55, 81, 89,163,305,155,228, 50, 75,
32,270,124

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 16/83 - MAR 17/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	22	1379	1050	659	532	125	135	44	9	301	4256
% AT AGE	0.00	0.56	34.87	26.55	16.66	13.45	3.16	3.41	1.11	0.23	0.00	100.00
LENGTH - MEAN(mm)	0.00	162.73	180.81	194.82	202.28	205.89	213.02	217.21	222.18	237.33	196.91	194.42
- STD. DEV.	0.00	9.28	8.78	10.02	9.14	10.05	10.05	10.81	12.56	8.19	14.46	15.14
WEIGHT - MEAN(gm)	0.00	59.41	83.07	106.38	121.25	128.49	142.34	149.68	161.50	201.56	110.01	107.11
- STD. DEV.	0.00	7.20	12.92	17.09	18.13	20.10	20.43	23.72	28.89	23.55	25.03	27.25

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	5	22	1498	2174	351	204	0	0
% AT STAGE	0.05	0.12	0.52	35.20	51.08	8.25	4.79	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1071	1140	84	2295
%	46.67	49.67	3.66	100.00
% SAMPLE WEIGHT	8.86	13.31	0.05	22.22

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	1958	2295	3	4256
%	46.01	53.92	0.07	100.00
MEAN WEIGHT	104.09	109.73	78.33	107.11
% SAMP. WT.	44.71	55.24	0.05	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 16 - PENDER HARBOUR

SAMPLE NUMBERS: 91,164,153,215,165, 16

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 24/83 - MAR 9/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	5	238	142	69	53	8	9	3	0	66	593
% AT AGE	0.00	0.95	45.16	26.94	13.09	10.06	1.52	1.71	0.57	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	152.00	178.68	192.92	202.78	201.66	207.75	209.11	218.67	0.00	194.39	189.53
- STD. DEV.	0.00	4.30	9.73	11.20	8.92	9.78	15.41	12.13	4.16	0.00	13.99	14.99
WEIGHT - MEAN(gm)	0.00	54.60	85.86	109.89	127.10	124.66	140.75	153.89	146.67	0.00	114.03	104.83
- STD. DEV.	0.00	11.35	11.38	14.26	14.25	19.59	21.14	24.15	8.74	0.00	24.36	23.97

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	4	221	351	17	0	0	0
% AT STAGE	0.00	0.00	0.67	37.27	59.19	2.87	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	156	211	0	367
%	42.51	57.49	0.00	100.00
% SAMPLE WEIGHT	8.43	14.71	0.00	23.14

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	226	367	0	593
%	38.11	61.89	0.00	100.00
MEAN WEIGHT	99.59	108.06	0.00	104.83
% SAMP. WT.	36.20	63.80	0.00	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 59,226, 34, 29, 74, 46, 23, 84,220, 26, 33,229,133,154, 43, 58,296, 94, 57,233, 297,216,199,149,304, 69,148,161

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 22/83 - MAR 18/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	234	780	651	399	184	55	71	28	11	347	2760
% AT AGE	0.00	9.70	32.32	26.98	16.54	7.63	2.28	2.94	1.16	0.46	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.81	182.92	198.69	208.97	216.30	222.45	227.39	229.54	240.09	195.97	194.94
- STD. DEV.	0.00	8.11	10.99	10.38	9.90	9.69	11.08	12.01	11.82	10.77	17.32	20.03
WEIGHT - MEAN(gm)	0.00	57.62	88.01	115.17	138.65	152.32	161.09	179.96	188.57	201.18	112.08	111.77
- STD. DEV.	0.00	9.08	16.22	21.41	26.64	27.31	30.68	32.88	30.73	29.08	35.40	37.97

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	6	7	91	997	1098	118	439	0	4
% AT STAGE	0.22	0.25	3.30	36.12	39.78	4.28	15.91	0.00	0.14

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	710	519	197	1426
%	49.79	36.40	13.81	100.00
% SAMPLE WEIGHT	9.07	9.70	0.20	18.97

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	1330	1426	4	2760
%	48.19	51.67	0.14	100.00
MEAN WEIGHT	107.53	115.82	75.25	111.77
% SAMP. WT.	46.36	53.54	0.10	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 18 - COWICHAN

SAMPLE NUMBERS: 219,143, 22, 21,121,134

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 24/83 - MAR 16/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	15	145	167	74	46	16	13	12	1	103	592
% AT AGE	0.00	3.07	29.65	34.15	15.13	9.41	3.27	2.66	2.45	0.20	0.00	100.00
LENGTH - MEAN(mm)	0.00	165.93	186.63	199.88	208.39	216.72	221.69	225.77	232.83	232.00	199.54	199.97
- STD. DEV.	0.00	8.60	8.96	9.21	8.68	9.48	7.69	11.32	9.70	0.00	17.38	16.56
WEIGHT - MEAN(gm)	0.00	61.60	83.71	102.29	120.81	143.39	149.13	148.62	180.67	152.00	108.08	107.18
- STD. DEV.	0.00	9.45	12.87	17.46	24.38	27.80	25.44	27.62	30.19	0.00	33.00	31.87

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	1	4	156	62	5	361	0	1
% AT STAGE	0.34	0.17	0.68	26.35	10.47	0.84	60.98	0.00	0.17

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	91	11	160	262
%	34.73	4.20	61.07	100.00
% SAMPLE WEIGHT	8.55	1.19	1.14	10.88

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	329	262	1	592
%	55.57	44.26	0.17	100.00
MEAN WEIGHT	105.79	109.15	48.00	107.18
% SAMP. WT.	54.85	45.07	0.08	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 23 - BARKLEY SOUND

SAMPLE NUMBERS: 127,240, 53, 73,293,167, 51,125,225,166, 171,280

SOURCE: PRE-FISHERY CHARTER

GEAR: OTHER
HERRING SEINE

DATE: FEB 24/83 - MAR 15/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	43	207	256	244	182	40	45	10	13	134	1174
% AT AGE	0.00	4.13	19.90	24.62	23.46	17.50	3.85	4.33	0.96	1.25	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.72	185.43	199.07	209.15	216.22	222.88	226.98	233.60	234.69	200.96	202.76
- STD. DEV.	0.00	6.18	9.97	9.44	9.22	8.74	8.61	8.62	5.85	6.33	16.57	17.92
WEIGHT - MEAN(gm)	0.00	59.30	94.86	118.97	139.93	160.37	174.77	178.42	206.80	191.69	124.40	129.66
- STD. DEV.	0.00	7.62	16.63	20.07	22.64	22.16	23.90	25.29	26.55	20.62	35.36	36.88

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	2	2	75	788	199	107	0	1
% AT STAGE	0.00	0.17	0.17	6.39	67.12	16.95	9.11	0.00	0.09

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	56	445	42	543
%	10.31	81.95	7.73	100.00
% SAMPLE WEIGHT	2.08	25.60	0.10	27.78

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	630	543	1	1174
%	53.66	46.25	0.09	100.00
MEAN WEIGHT	123.44	136.91	112.00	129.66
% SAMP. WT.	51.09	48.84	0.07	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 24 - CLAYOQUOT SOUND

SAMPLE NUMBERS: 218, 77,222,105,238, 42, 48,245,145, 49, 79,242

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 26/83 - MAR 12/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	61	322	233	209	168	35	54	8	3	101	1194
% AT AGE	0.00	5.58	29.46	21.32	19.12	15.37	3.20	4.94	0.73	0.27	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.31	184.02	196.49	208.66	215.39	220.91	226.67	228.00	233.67	199.35	198.74
- STD. DEV.	0.00	6.87	10.48	10.43	11.12	8.51	10.80	9.55	10.57	8.14	17.87	19.12
WEIGHT - MEAN(gm)	0.00	63.28	91.65	114.57	139.47	153.04	167.03	174.17	178.13	193.67	121.50	120.98
- STD. DEV.	0.00	8.58	16.21	20.00	24.04	21.89	24.13	23.98	33.78	19.50	33.35	36.10

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	4	3	261	837	82	5	0	1
% AT STAGE	0.08	0.34	0.25	21.86	70.10	6.87	0.42	0.00	0.08

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	194	464	1	659
%	29.44	70.41	0.15	100.00
% SAMPLE WEIGHT	5.08	22.33	0.00	27.41

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	533	659	2	1194
%	44.64	55.19	0.17	100.00
MEAN WEIGHT	116.94	124.31	102.50	120.98
% SAMP. WT.	43.15	56.71	0.14	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 25 - NOOTKA SOUND

SAMPLE NUMBERS: 27, 44, 54, 60, 47,358

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 25/83 - MAR 24/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	21	108	86	105	160	32	28	1	0	59	600
% AT AGE	0.00	3.88	19.96	15.90	19.41	29.57	5.91	5.18	0.18	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.67	180.71	195.02	203.57	210.13	215.63	214.50	233.00	0.00	198.42	199.14
- STD. DEV.	0.00	6.29	7.58	9.10	8.39	8.64	9.10	9.43	0.00	0.00	16.15	16.45
WEIGHT - MEAN(gm)	0.00	57.24	86.22	113.14	131.92	144.18	152.28	153.11	171.00	0.00	120.41	122.67
- STD. DEV.	0.00	7.76	12.52	16.92	17.54	19.84	18.18	16.52	0.00	0.00	32.42	31.55

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	0	165	384	50	0	0	0
% AT STAGE	0.00	0.17	0.00	27.50	64.00	8.33	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	111	214	0	325
%	34.15	65.85	0.00	100.00
% SAMPLE WEIGHT	6.87	19.87	0.00	26.75

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	275	325	0	600
%	45.83	54.17	0.00	100.00
MEAN WEIGHT	116.32	128.03	0.00	122.67
% SAMP. WT.	43.46	56.54	0.00	100.00

TABLE 9 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY AREA

AREA: 27 - QUATSINO SOUND

SAMPLE NUMBERS: 168,174

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 10/83 - MAR 13/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	21	32	11	29	0	4	0	0	4	105
% AT AGE	0.00	3.96	20.79	31.68	10.89	28.71	0.00	3.96	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.25	186.62	200.06	206.64	213.52	0.00	216.75	0.00	0.00	199.50	200.84
- STD. DEV.	0.00	10.34	7.75	6.32	5.52	9.60	0.00	6.34	0.00	0.00	13.58	15.05
WEIGHT - MEAN(gm)	0.00	50.75	88.38	105.97	114.09	127.48	0.00	136.50	0.00	0.00	107.25	108.35
- STD. DEV.	0.00	5.38	14.10	17.56	17.98	27.30	0.00	23.81	0.00	0.00	17.44	27.09

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	3	47	13	42	0	0
% AT STAGE	0.00	0.00	0.00	2.86	44.76	12.38	40.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	25	29	54
%	0.00	46.30	53.70	100.00
% SAMPLE WEIGHT	0.00	14.75	2.06	16.80

SEX RATIO:

	MALE	FEMALE	INMATURE	TOTAL
NO.	51	54	0	105
%	48.57	51.43	0.00	100.00
MEAN WEIGHT	105.80	110.76	0.00	108.35
% SAMP. WT.	47.43	52.57	0.00	100.00

TABLE 10 PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 2 - PORT LOUIS

SAMPLE NUMBERS: 115,118,147,132,114,123,264,386, 97,139

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 1/83 - MAR 6/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	11	8	191	14	644	32	4	3	3	38	948
% AT AGE	0.00	1.21	0.88	20.99	1.54	70.77	3.52	0.44	0.33	0.33	0.00	100.00
LENGTH - MEAN(mm)	0.00	170.45	192.75	208.76	211.57	221.84	229.34	228.75	244.67	250.67	211.97	218.26
- STD. DEV.	0.00	7.71	9.57	9.88	11.52	10.40	12.38	23.39	12.70	23.44	20.18	13.84
WEIGHT - MEAN(gm)	0.00	67.82	106.13	146.85	156.43	178.18	195.63	216.00	178.33	221.00	152.87	169.53
- STD. DEV.	0.00	9.34	18.25	22.86	23.64	26.69	29.65	23.58	7.02	15.62	44.96	32.76

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	2	237	448	159	101	0	1
% AT STAGE	0.00	0.00	0.21	25.00	47.26	16.77	10.65	0.00	0.11

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	225	292	38	555
%	40.54	52.61	6.85	100.00
% SAMPLE WEIGHT	9.26	15.90	0.21	25.37

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	391	555	2	948
%	41.24	58.54	0.21	100.00
MEAN WEIGHT	158.48	177.46	131.00	169.53
% SAMP. WT.	38.56	61.28	0.16	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 3 - RENNELL SOUND

SAMPLE NUMBERS: 98,186,194,185

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 1/83 - MAR 23/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	4	180	8	139	21	7	4	1	23	390
% AT AGE	0.00	0.82	1.09	49.05	2.18	37.87	5.72	1.91	1.09	0.27	0.00	100.00
LENGTH - MEAN(mm)	0.00	173.67	190.25	210.08	211.63	223.48	229.57	236.29	235.50	240.00	216.65	216.65
- STD. DEV.	0.00	12.50	11.79	11.69	8.45	9.63	11.92	14.42	21.93	0.00	17.19	14.47
WEIGHT - MEAN(gm)	0.00	87.33	118.25	158.05	167.25	187.27	207.24	218.29	210.75	218.00	174.30	173.08
- STD. DEV.	0.00	14.64	10.34	25.24	25.40	27.52	36.11	39.92	43.18	0.00	39.13	33.95

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	18	301	71	0	0	0
% AT STAGE	0.00	0.00	0.00	4.62	77.18	18.21	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	17	198	0	215
%	7.91	92.09	0.00	100.00
% SAMPLE WEIGHT	1.63	26.89	0.00	28.52

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	175	215	0	390
%	44.87	55.13	0.00	100.00
MEAN WEIGHT	159.56	184.09	0.00	173.08
% SAMP. WT.	41.37	58.63	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 5 - ENGLEFIELD BAY

SAMPLE NUMBERS: 176,180,196,191,213,183,206,177,181,256, 208

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 9/83 - MAR 20/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	6	16	776	32	166	17	10	8	8	46	1085
% AT AGE	0.00	0.58	1.54	74.69	3.08	15.98	1.64	0.96	0.77	0.77	0.00	100.00
LENGTH - MEAN(mm)	0.00	174.83	193.88	204.79	212.38	216.35	229.59	232.00	234.63	243.88	211.76	207.90
- STD. DEV.	0.00	10.28	9.54	10.07	9.70	9.57	8.75	10.04	12.97	5.67	31.88	12.46
WEIGHT - MEAN(gm)	0.00	83.17	108.00	139.15	160.69	175.11	195.94	193.80	200.50	226.25	154.85	147.67
- STD. DEV.	0.00	16.40	19.66	23.72	21.88	26.16	30.08	24.58	28.72	21.16	29.17	30.53

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	0	0	308	667	108	1	0	0
% AT STAGE	0.09	0.00	0.00	28.39	61.47	9.95	0.09	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	279	276	0	555
%	50.27	49.73	0.00	100.00
% SAMPLE WEIGHT	11.34	14.83	0.00	26.17

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	530	555	0	1085
%	48.85	51.15	0.00	100.00
MEAN WEIGHT	139.41	155.56	0.00	147.67
% SAMP. WT.	46.11	53.89	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 6 - LOUSCOONE INLET

SAMPLE NUMBERS: 189

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 13/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	18	5	1	7	43	2	2	1	0	11	90
% AT AGE	0.00	22.78	6.33	1.27	8.86	54.43	2.53	2.53	1.27	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	170.11	178.80	210.00	209.29	216.98	229.50	246.50	246.00	0.00	198.55	203.81
- STD. DEV.	0.00	5.62	11.76	0.00	10.64	8.24	23.33	4.95	0.00	0.00	27.45	23.95
WEIGHT - MEAN(gm)	0.00	67.06	90.80	142.00	140.14	155.58	162.00	204.50	215.00	0.00	123.45	130.89
- STD. DEV.	0.00	7.93	23.75	0.00	30.09	24.59	45.25	24.75	0.00	0.00	59.73	47.55

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	2	88	0	0	0	0
% AT STAGE	0.00	0.00	0.00	2.22	97.78	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	43	0	45
%	4.44	95.56	0.00	100.00
% SAMPLE WEIGHT	0.43	31.22	0.00	31.65

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	45	45	0	90
%	50.00	50.00	0.00	100.00
MEAN WEIGHT	112.87	148.91	0.00	130.89
% SAMP. WT.	43.12	56.88	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 23 - CUMSHEWA INLET

SAMPLE NUMBERS: 214,197

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 22/83 - MAR 23/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	8	16	8	18	113	12	4	3	1	15	198
% AT AGE	0.00	4.37	8.74	4.37	9.84	61.75	6.56	2.19	1.64	0.55	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.75	178.25	193.75	205.33	208.19	219.50	229.00	248.33	245.00	204.80	204.82
- STD. DEV.	0.00	5.39	11.58	12.59	8.88	9.64	6.67	20.41	4.51	0.00	9.75	16.98
WEIGHT - MEAN(gm)	0.00	77.75	97.25	120.25	141.94	153.67	165.42	186.50	223.33	193.00	146.80	145.74
- STD. DEV.	0.00	13.32	16.01	17.64	16.52	21.61	23.58	30.73	6.11	0.00	21.38	31.73

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	4	191	3	0	0	0
% AT STAGE	0.00	0.00	0.00	2.02	96.46	1.52	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	96	0	98
%	2.04	97.96	0.00	100.00
% SAMPLE WEIGHT	0.42	28.08	0.00	28.51

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	100	98	0	198
%	50.51	49.49	0.00	100.00
MEAN WEIGHT	135.19	156.50	0.00	145.74
% SAMP. WT.	46.85	53.15	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 24 - LASKEEK BAY

SAMPLE NUMBERS: 204,295,190,102,281

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 9/83 - MAR 28/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	33	32	22	32	314	20	11	5	3	24	496
% AT AGE	0.00	6.99	6.78	4.66	6.78	66.53	4.24	2.33	1.06	0.64	0.00	100.00
LENGTH - MEAN(mm)	0.00	166.76	182.31	198.91	204.50	210.86	219.70	224.00	228.40	244.67	198.33	205.57
- STD. DEV.	0.00	7.40	10.33	10.77	8.46	7.92	10.48	6.75	11.97	6.43	17.47	16.37
WEIGHT - MEAN(gm)	0.00	69.33	95.22	128.82	136.72	151.15	165.70	174.82	182.20	222.00	125.21	140.77
- STD. DEV.	0.00	9.10	15.59	18.61	18.78	21.60	31.66	17.75	12.83	19.97	34.81	33.56

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	41	430	24	0	0	0
% AT STAGE	0.00	0.00	0.20	8.27	86.69	4.84	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	25	234	0	259
%	9.65	90.35	0.00	100.00
% SAMPLE WEIGHT	2.02	26.48	0.00	28.50

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	237	259	0	496
%	47.78	52.22	0.00	100.00
MEAN WEIGHT	150.01	150.63	0.00	140.77
% SAMP. WT.	44.13	55.87	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 25 - SKINCUTTLE INLET

SAMPLE NUMBERS: 95,198,232,101

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 7/83 - MAR 16/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	11	18	13	20	285	15	6	3	0	29	400
% AT AGE	0.00	2.96	4.85	3.50	5.39	76.82	4.04	1.62	0.81	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.00	182.44	193.77	207.25	209.66	213.27	223.83	230.67	0.00	206.69	206.91
- STD. DEV.	0.00	4.98	12.45	8.34	8.15	10.24	13.13	11.69	16.62	0.00	13.16	14.16
WEIGHT - MEAN(gm)	0.00	71.64	102.67	120.77	145.65	156.99	167.47	187.00	204.33	0.00	147.24	150.94
- STD. DEV.	0.00	7.83	20.21	16.04	19.38	22.98	34.28	25.68	54.99	0.00	30.13	30.61

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	15	326	57	2	0	0
% AT STAGE	0.00	0.00	0.00	3.75	81.50	14.25	0.50	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	13	186	1	200
%	6.50	93.00	0.50	100.00
% SAMPLE WEIGHT	1.25	26.43	0.01	27.69

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	200	200	0	400
%	50.00	50.00	0.00	100.00
MEAN WEIGHT	140.21	161.68	0.00	150.94
% SAMP. WT.	46.44	53.56	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 32 - PORTLAND INLET

SAMPLE NUMBERS: 353,421,424,346,418,310,311,338,369,370, 331

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 10/83 - MAR 18/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	381	169	146	31	261	19	4	4	1	81	1097
% AT AGE	0.00	37.50	16.63	14.37	3.05	25.69	1.87	0.39	0.39	0.10	0.00	100.00
LENGTH - MEAN(mm)	0.00	136.90	164.22	184.66	192.32	199.40	207.79	223.75	233.50	234.00	165.58	168.00
- STD. DEV.	0.00	7.48	14.64	15.00	16.10	15.30	15.12	20.01	12.87	0.00	31.79	30.16
WEIGHT - MEAN(gm)	0.00	31.94	65.24	95.74	106.71	122.99	137.53	177.00	198.25	185.00	70.33	75.28
- STD. DEV.	0.00	5.52	18.42	23.06	24.33	25.68	27.59	32.01	2.99	0.00	45.98	44.07

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	266	27	64	349	283	24	1	0	83
% AT STAGE	24.25	2.46	5.83	31.81	25.80	2.19	0.09	0.00	7.57

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	469	53	0	522
%	89.85	10.15	0.00	100.00
% SAMPLE WEIGHT	14.24	4.22	0.00	18.46

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	492	522	83	1097
%	44.85	47.58	7.57	100.00
MEAN WEIGHT	79.37	78.55	30.40	75.28
% SAMP. WT.	47.29	49.66	3.06	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 33 - PORT SIMPSON

SAMPLE NUMBERS: 379,408,315,314,387,328,319,327,382,323,
427,337,372,409,341,359,360,307

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 9/83 - APR 16/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	23	455	326	61	688	47	24	16	4	153	1797
% AT AGE	0.00	1.40	27.68	19.83	3.71	41.85	2.86	1.46	0.97	0.24	0.00	100.00
LENGTH - MEAN(mm)	0.00	155.00	171.79	187.10	196.05	201.48	212.98	219.83	231.25	239.00	185.54	190.11
- STD. DEV.	0.00	12.43	9.39	11.09	10.34	11.98	12.21	13.00	10.61	9.59	21.15	18.72
WEIGHT - MEAN(gm)	0.00	53.91	76.64	105.26	122.93	135.80	162.13	170.50	193.69	193.00	104.76	112.95
- STD. DEV.	0.00	12.35	14.17	16.73	19.49	21.65	25.52	21.90	25.55	8.25	37.64	34.96

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	5	3	51	508	1087	117	7	0	19
% AT STAGE	0.28	0.17	2.84	28.27	60.49	6.51	0.39	0.00	1.06

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	395	461	4	860
%	45.93	53.60	0.47	100.00
% SAMPLE WEIGHT	9.30	15.10	0.01	24.42

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	918	860	19	1797
%	51.09	47.86	1.06	100.00
MEAN WEIGHT	107.91	119.82	45.11	112.95
% SAMP. WT.	48.81	50.77	0.42	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 42 - BIG BAY

SAMPLE NUMBERS: 325

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 22/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	12	14	7	60	3	1	0	0	2	100
% AT AGE	0.00	1.02	12.24	14.29	7.14	61.22	3.06	1.02	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	173.00	176.33	197.36	208.86	209.17	209.67	232.00	0.00	0.00	208.00	203.41
- STD. DEV.	0.00	0.00	8.97	7.91	11.50	9.45	5.77	0.00	0.00	0.00	49.50	15.47
WEIGHT - MEAN(gm)	0.00	81.00	80.08	112.07	136.71	144.83	138.67	190.00	0.00	0.00	146.50	131.57
- STD. DEV.	0.00	0.00	14.61	14.84	26.09	19.81	7.51	0.00	0.00	0.00	98.29	31.25

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	8	86	6	0	0	0
% AT STAGE	0.00	0.00	0.00	8.00	86.00	6.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	7	45	0	52
%	13.46	86.54	0.00	100.00
% SAMPLE WEIGHT	3.24	25.06	0.00	28.30

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	48	52	0	100
%	48.00	52.00	0.00	100.00
MEAN WEIGHT	122.23	140.19	0.00	131.57
% SAMP. WT.	44.59	55.41	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 44 - EDYE PASSAGE

SAMPLE NUMBERS: 340,348,306,351

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: APR 2/83 - APR 4/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	21	39	36	172	70	12	4	2	43	399
% AT AGE	0.00	0.00	5.90	10.96	10.11	48.31	19.66	3.37	1.12	0.56	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	173.81	187.59	202.11	204.94	214.59	226.08	219.00	230.00	201.49	203.57
- STD. DEV.	0.00	0.00	8.54	12.69	10.02	11.55	13.51	10.62	18.20	2.83	17.86	16.49
WEIGHT - MEAN(gm)	0.00	0.00	78.81	103.05	123.92	134.34	152.64	168.42	170.00	201.50	125.35	131.38
- STD. DEV.	0.00	0.00	9.06	15.33	19.94	21.26	23.04	23.13	20.93	28.99	30.54	29.40

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	2	87	189	90	0	30	0	1
% AT STAGE	0.00	0.50	21.80	47.37	22.56	0.00	7.52	0.00	0.25

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	198	3	18	219
%	90.41	1.37	8.22	100.00
% SAMPLE WEIGHT	11.41	0.41	0.10	11.92

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	179	219	1	399
%	44.86	54.89	0.25	100.00
MEAN WEIGHT	135.11	128.26	145.00	131.38
% SAMP. WT.	46.14	53.59	0.28	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 52 - KITKATLA CHANNEL

SAMPLE NUMBERS: 332,407,376,321,347,329,312,373,364,375,
326,356,336,419,339,309

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 17/83 - MAR 29/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	18	290	198	84	865	23	8	3	3	103	1595
% AT AGE	0.00	1.21	19.44	13.27	5.63	57.98	1.54	0.54	0.20	0.20	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.61	176.93	188.86	200.24	203.87	215.43	216.38	230.33	242.67	196.46	196.27
- STD. DEV.	0.00	7.95	9.60	11.39	11.84	10.11	12.27	16.75	8.96	16.29	18.49	16.09
WEIGHT - MEAN(gm)	0.00	60.33	84.60	104.33	124.75	136.76	157.17	163.25	198.33	209.00	121.01	121.42
- STD. DEV.	0.00	10.69	14.52	19.42	18.87	20.73	25.71	27.83	60.93	64.09	33.07	30.60

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	8	50	243	1155	99	38	0	0
% AT STAGE	0.13	0.50	3.13	15.24	72.41	6.21	2.38	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	174	584	13	771
%	22.57	75.75	1.69	100.00
% SAMPLE WEIGHT	3.76	23.16	0.03	26.96

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	824	771	0	1595
%	51.66	48.34	0.00	100.00
MEAN WEIGHT	114.66	128.64	0.00	121.42
% SAMP. WT.	48.79	51.21	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 53 - ANGER ISLAND

SAMPLE NUMBERS: 330,308,417,354

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: APR 13/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	40	85	21	169	8	3	0	0	69	399
% AT AGE	0.00	1.21	12.12	25.76	6.36	51.21	2.42	0.91	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.25	179.48	192.38	196.81	204.56	212.25	226.33	0.00	0.00	196.23	197.54
- STD. DEV.	0.00	8.30	10.04	8.61	10.35	8.72	9.66	8.02	0.00	0.00	15.88	13.72
WEIGHT - MEAN(gm)	0.00	65.50	87.35	108.71	120.14	134.86	144.63	169.33	0.00	0.00	121.88	121.27
- STD. DEV.	0.00	13.08	15.63	16.92	19.32	23.01	20.26	14.57	0.00	0.00	32.90	28.44

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	3	361	35	0	0	0
% AT STAGE	0.00	0.00	0.00	0.75	90.48	8.77	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	203	0	205
%	0.98	99.02	0.00	100.00
% SAMPLE WEIGHT	0.20	27.94	0.00	28.14

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	194	205	0	399
%	48.62	51.38	0.00	100.00
MEAN WEIGHT	114.22	127.94	0.00	121.27
% SAMP. WT.	45.80	54.20	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 67 - KITASU BAY

SAMPLE NUMBERS: 276,111, 72,110, 85,428,420,290, 83, 82, 70

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 3/83 - APR 13/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	6	56	139	95	586	45	28	10	2	80	1047
% AT AGE	0.00	0.62	5.79	14.37	9.82	60.60	4.65	2.90	1.03	0.21	0.00	100.00
LENGTH - MEAN(mm)	0.00	158.33	179.71	190.63	199.85	205.36	207.80	215.00	231.60	230.50	192.27	200.93
- STD. DEV.	0.00	11.84	8.79	11.14	10.86	10.62	13.64	15.59	13.76	2.12	17.28	14.72
WEIGHT - MEAN(gm)	0.00	61.17	91.70	107.47	124.00	135.35	147.69	157.00	185.50	187.00	114.43	127.95
- STD. DEV.	0.00	10.63	14.62	16.39	18.65	21.51	23.03	26.75	37.09	38.18	31.25	27.21

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	12	240	580	210	4	0	1
% AT STAGE	0.00	0.00	1.15	22.92	55.40	20.06	0.38	0.00	0.10

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	183	377	0	560
%	32.68	67.32	0.00	100.00
% SAMPLE WEIGHT	6.56	19.04	0.00	25.60

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	486	560	1	1047
%	46.42	53.49	0.10	100.00
MEAN WEIGHT	121.86	133.27	108.00	127.95
% SAMP. WT.	44.21	55.71	0.08	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 71 - OTHER AREA 7

SAMPLE NUMBERS: 277,258

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 20/83 - MAR 22/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	18	86	13	45	5	1	2	0	28	198
% AT AGE	0.00	0.00	10.59	50.59	7.65	26.47	2.94	0.59	1.18	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	173.22	179.66	191.15	195.76	188.20	213.00	207.50	0.00	183.04	184.63
- STD. DEV.	0.00	0.00	11.09	13.92	16.28	13.96	14.18	0.00	10.61	0.00	20.14	16.67
WEIGHT - MEAN(gm)	0.00	0.00	71.50	81.13	97.46	113.27	93.60	153.00	130.00	0.00	84.36	90.26
- STD. DEV.	0.00	0.00	16.76	25.52	35.33	30.74	37.60	0.00	43.84	0.00	32.31	31.75

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	11	103	14	44	0	26
% AT STAGE	0.00	0.00	0.00	5.56	52.02	7.07	22.22	0.00	13.13

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	11	61	22	94
%	11.70	64.89	23.40	100.00
% SAMPLE WEIGHT	1.10	21.09	0.47	22.65

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	78	94	26	198
%	39.39	47.47	13.13	100.00
MEAN WEIGHT	87.94	100.35	60.73	90.26
% SAMP. WT.	38.38	52.78	8.84	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 72 - POWELL ANCHORAGE

SAMPLE NUMBERS: 246,257, 63,169

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 2/83 - MAR 19/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	28	67	45	193	17	13	1	0	21	386
% AT AGE	0.00	0.27	7.67	18.36	12.33	52.88	4.66	3.56	0.27	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	173.00	182.29	195.54	204.62	211.14	213.24	220.15	254.00	0.00	204.43	205.62
- STD. DEV.	0.00	0.00	8.93	9.27	9.86	9.75	8.24	7.86	0.00	0.00	12.92	13.55
WEIGHT - MEAN(gm)	0.00	87.00	87.36	116.81	133.11	147.17	152.24	169.38	289.00	0.00	134.52	136.42
- STD. DEV.	0.00	0.00	15.01	18.95	19.25	21.27	19.64	24.55	0.00	0.00	29.87	29.03

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	143	224	19	0	0	0
% AT STAGE	0.00	0.00	0.00	37.05	58.03	4.92	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	97	116	0	213
%	45.54	54.46	0.00	100.00
% SAMPLE WEIGHT	10.81	17.24	0.00	28.05

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	173	213	0	386
%	44.82	55.18	0.00	100.00
MEAN WEIGHT	128.06	143.21	0.00	136.42
% SAMP. WT.	42.07	57.93	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 74 - THOMPSON BAY

SAMPLE NUMBERS: 267,113,137,223,156,234,162,140,298, 64,
203,239,142, 62,112, 87,160, 86, 66,129,
135, 67,230, 65,141, 93,130, 68

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 1/83 - MAR 18/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	20	197	344	282	1466	142	77	16	7	142	2693
% AT AGE	0.00	0.78	7.72	13.48	11.05	57.47	5.57	3.02	0.63	0.27	0.00	100.00
LENGTH - MEAN(mm)	0.00	160.90	181.10	194.83	202.99	209.41	210.94	216.44	226.63	232.86	203.29	204.57
- STD. DEV.	0.00	10.22	10.66	9.48	9.32	9.22	10.39	9.97	9.63	19.19	15.21	13.74
WEIGHT - MEAN(gm)	0.00	60.80	90.91	114.55	129.63	143.57	148.23	155.01	175.00	183.43	132.98	134.24
- STD. DEV.	0.00	10.54	16.22	17.67	18.31	18.41	19.57	21.53	26.53	37.00	29.01	26.05

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	0	10	1022	1392	267	0	0	1
% AT STAGE	0.04	0.00	0.37	37.95	51.69	9.91	0.00	0.00	0.04

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	843	605	0	1448
%	58.22	41.78	0.00	100.00
% SAMPLE WEIGHT	14.06	13.07	0.00	27.13

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	1242	1448	3	2693
%	46.12	53.77	0.11	100.00
MEAN WEIGHT	126.36	141.02	124.00	134.24
% SAMP. WT.	43.41	56.48	0.10	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 85 - KWAKSHUA CHANNEL

SAMPLE NUMBERS: 202

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 6/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	11	33	8	31	3	7	3	0	4	100
% AT AGE	0.00	0.00	11.46	34.38	8.33	32.29	3.13	7.29	3.13	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	179.09	189.09	198.13	201.19	202.67	206.57	220.00	0.00	182.25	194.75
- STD. DEV.	0.00	0.00	8.54	8.69	8.72	8.79	4.04	12.05	8.54	0.00	9.84	12.78
WEIGHT - MEAN(gm)	0.00	0.00	77.91	95.12	107.00	116.03	111.67	126.71	141.33	0.00	83.75	104.30
- STD. DEV.	0.00	0.00	13.03	14.38	14.42	19.30	4.51	22.54	20.98	0.00	14.91	22.44

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	58	37	1	3	0	0
% AT STAGE	0.00	0.00	1.00	58.00	37.00	1.00	3.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	45	1	1	47
%	95.74	2.13	2.13	100.00
% SAMPLE WEIGHT	21.61	0.44	0.10	22.15

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	53	47	0	100
%	53.00	47.00	0.00	100.00
MEAN WEIGHT	97.89	111.53	0.00	104.30
% SAMP. WT.	49.74	50.26	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 123 - CRACROFT ISLAND

SAMPLE NUMBERS: 236

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 17/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	16	9	8	35	7	14	6	0	5	100
% AT AGE	0.00	0.00	16.84	9.47	8.42	36.84	7.37	14.74	6.32	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	174.25	179.78	192.13	207.97	218.00	224.14	225.67	0.00	204.60	202.63
- STD. DEV.	0.00	0.00	8.79	12.41	10.79	11.55	13.59	11.56	8.24	0.00	15.37	20.76
WEIGHT - MEAN(gm)	0.00	0.00	89.06	108.00	124.38	156.34	173.43	185.86	186.50	0.00	137.80	144.88
- STD. DEV.	0.00	0.00	15.16	13.59	23.42	25.72	41.34	25.15	17.07	0.00	29.52	40.77

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	4	42	51	2	0	0	1
% AT STAGE	0.00	0.00	4.00	42.00	51.00	2.00	0.00	0.00	1.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	39	9	0	48
%	81.25	18.75	0.00	100.00
% SAMPLE WEIGHT	18.44	4.55	0.00	22.99

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	51	48	1	100
%	51.00	48.00	1.00	100.00
MEAN WEIGHT	137.53	152.96	132.00	144.88
% SAMP. WT.	48.41	50.68	0.91	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 127 - KNIGHT INLET

SAMPLE NUMBERS: 126

SOURCE: PRE-FISHERY CHARTER

GEAR: OTHER

DATE: MAR 16/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	2	10	7	71	4	0	1	0	4	100
% AT AGE	0.00	1.04	2.08	10.42	7.29	73.96	4.17	0.00	1.04	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.00	155.50	178.60	188.14	187.25	198.50	0.00	203.00	0.00	191.25	186.35
- STD. DEV.	0.00	0.00	2.12	8.75	5.58	9.53	8.06	0.00	0.00	0.00	21.23	11.39
WEIGHT - MEAN(gm)	0.00	54.00	61.00	77.30	89.00	87.35	101.00	0.00	104.00	0.00	95.25	86.63
- STD. DEV.	0.00	0.00	1.41	10.92	11.86	14.92	6.48	0.00	0.00	0.00	33.09	16.10

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	0	15	55	30	0	0
% AT STAGE	0.00	0.00	0.00	0.00	15.00	55.00	30.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	30	12	42
%	0.00	71.43	28.57	100.00
% SAMPLE WEIGHT	0.00	11.23	0.46	11.68

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	58	42	0	100
%	58.00	42.00	0.00	100.00
MEAN WEIGHT	85.17	88.64	0.00	86.63
% SAMP. WT.	57.02	42.98	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 14,131

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 26/83 - MAR 18/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	5	114	28	15	15	0	0	1	0	20	198
% AT AGE	0.00	2.81	64.04	15.73	8.43	8.43	0.00	0.00	0.56	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.20	179.27	189.71	201.87	207.27	0.00	0.00	233.00	0.00	188.35	185.31
- STD. DEV.	0.00	8.56	8.25	9.52	9.13	14.08	0.00	0.00	0.00	0.00	11.42	13.93
WEIGHT - MEAN(gm)	0.00	52.80	75.93	92.18	109.53	120.93	0.00	0.00	180.00	0.00	87.00	85.24
- STD. DEV.	0.00	4.71	9.98	16.23	13.39	24.89	0.00	0.00	0.00	0.00	14.68	21.04

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	5	3	131	28	0	30	0	0
% AT STAGE	0.51	2.53	1.52	66.16	14.14	0.00	15.15	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	80	4	8	92
%	86.96	4.35	8.70	100.00
% SAMPLE WEIGHT	12.11	1.16	0.16	13.43

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	106	92	0	198
%	53.54	46.46	0.00	100.00
MEAN WEIGHT	83.58	87.16	0.00	85.24
% SAMP. WT.	52.49	47.51	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 136 - OTHER AREA 13 GULF

SAMPLE NUMBERS: 39, 41, 35

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 28/83 - MAR 1/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	154	61	32	17	5	1	0	1	27	299
% AT AGE	0.00	0.37	56.62	22.43	11.76	6.25	1.84	0.37	0.00	0.37	0.00	100.00
LENGTH - MEAN(mm)	0.00	166.00	176.18	187.85	198.47	206.88	202.40	212.00	0.00	226.00	179.11	183.65
- STD. DEV.	0.00	0.00	8.73	10.60	9.92	11.08	8.50	0.00	0.00	0.00	15.78	14.34
WEIGHT - MEAN(gm)	0.00	61.00	77.61	96.62	115.22	127.00	124.80	123.00	0.00	165.00	85.52	90.21
- STD. DEV.	0.00	0.00	10.66	14.26	21.16	19.49	14.27	0.00	0.00	0.00	20.66	22.10

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	1	0	261	31	4	0	0	0
% AT STAGE	0.67	0.33	0.00	87.29	10.37	1.34	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	145	11	0	156
%	92.95	7.05	0.00	100.00
% SAMPLE WEIGHT	17.72	2.42	0.00	20.15

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	142	156	0	298
%	47.65	52.35	0.00	100.00
MEAN WEIGHT	89.28	90.99	0.00	90.18
% SAMP. WT.	47.18	52.82	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 137 - HERIOT BAY

SAMPLE NUMBERS: 138

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 14/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	45	25	11	6	1	1	0	0	10	99
% AT AGE	0.00	0.00	50.56	28.09	12.36	6.74	1.12	1.12	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	178.09	187.92	198.91	199.67	217.00	207.00	0.00	0.00	182.10	185.28
- STD. DEV.	0.00	0.00	7.57	10.49	7.06	12.14	0.00	0.00	0.00	0.00	14.83	12.67
WEIGHT - MEAN(gm)	0.00	0.00	79.31	100.24	115.55	114.67	155.00	115.00	0.00	0.00	88.40	92.81
- STD. DEV.	0.00	0.00	9.79	22.85	13.29	19.17	0.00	0.00	0.00	0.00	25.15	22.30

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	10	81	6	2	0	0
% AT STAGE	0.00	0.00	0.00	10.10	81.82	6.06	2.02	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	7	42	0	49
%	14.29	85.71	0.00	100.00
% SAMPLE WEIGHT	2.82	20.80	0.00	23.62

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	50	49	0	99
%	50.51	49.49	0.00	100.00
MEAN WEIGHT	91.72	93.92	0.00	92.81
% SAMP. WT.	49.91	50.09	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 142 - BAYNES SOUND

SAMPLE NUMBERS: 15,217, 28,122, 12,247,221,170,243, 25

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 18/83 - MAR 18/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	23	277	274	166	68	15	17	8	1	146	995
% AT AGE	0.00	2.71	32.63	32.27	19.55	8.01	1.77	2.00	0.94	0.12	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.70	181.17	198.81	207.98	213.31	219.07	227.59	233.63	240.00	200.60	197.01
- STD. DEV.	0.00	9.90	10.43	10.15	10.33	9.19	7.71	9.09	9.43	0.00	14.72	17.02
WEIGHT - MEAN(gm)	0.00	62.35	86.92	118.53	138.51	149.79	161.20	176.65	183.50	229.00	121.67	116.63
- STD. DEV.	0.00	9.51	17.40	23.22	25.32	27.38	18.06	23.53	35.68	0.00	29.66	34.00

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	0	2	449	396	40	106	0	0
% AT STAGE	0.20	0.00	0.20	45.13	39.80	4.02	10.65	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	304	201	49	554
%	54.87	36.28	8.84	100.00
% SAMPLE WEIGHT	12.51	11.05	0.10	23.66

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	441	554	0	995
%	44.32	55.68	0.00	100.00
MEAN WEIGHT	110.98	121.13	0.00	116.63
% SAMP. WT.	42.17	57.83	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 143 - QUALICUM

SAMPLE NUMBERS: 268

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 1/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	12	32	19	13	6	7	1	1	6	100
% AT AGE	0.00	3.19	12.77	34.04	20.21	13.83	6.38	7.45	1.06	1.06	0.00	100.00
LENGTH - MEAN(mm)	0.00	155.67	184.50	193.16	199.21	201.46	206.17	217.43	230.00	220.00	195.17	196.46
- STD. DEV.	0.00	2.08	6.87	7.14	9.21	7.33	6.79	7.83	0.00	0.00	9.91	13.57
WEIGHT - MEAN(gm)	0.00	57.33	96.17	122.59	133.53	141.00	146.00	178.71	177.00	193.00	128.67	128.88
- STD. DEV.	0.00	6.81	15.60	18.73	27.59	18.18	26.73	19.58	0.00	0.00	30.81	31.67

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	6	68	5	21	0	0
% AT STAGE	0.00	0.00	0.00	6.00	68.00	5.00	21.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	5	25	14	44
%	11.36	56.82	31.82	100.00
% SAMPLE WEIGHT	2.10	18.11	0.37	20.57

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	56	44	0	100
%	56.00	44.00	0.00	100.00
MEAN WEIGHT	132.41	124.39	0.00	128.88
% SAMP. WT.	57.53	42.47	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 144 - FRENCH CREEK

SAMPLE NUMBERS: 299,224

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 2/83 - MAR 10/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	33	61	48	18	7	7	5	0	19	199
% AT AGE	0.00	0.56	18.33	33.89	26.67	10.00	3.89	3.89	2.78	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.00	178.79	189.08	199.40	205.28	211.14	210.14	224.80	0.00	194.68	194.14
- STD. DEV.	0.00	0.00	10.64	9.00	9.41	7.89	12.72	10.32	8.41	0.00	11.02	14.27
WEIGHT - MEAN(gm)	0.00	55.00	88.91	108.21	134.17	146.11	156.86	168.00	201.20	0.00	121.21	121.82
- STD. DEV.	0.00	0.00	13.85	19.43	23.43	22.13	20.21	16.62	27.25	0.00	28.43	32.49

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	7	151	7	34	0	0
% AT STAGE	0.00	0.00	0.00	3.52	75.88	3.52	17.09	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	76	18	96
%	2.08	79.17	18.75	100.00
% SAMPLE WEIGHT	0.28	22.60	0.08	22.97

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	103	96	0	199
%	51.76	48.24	0.00	100.00
MEAN WEIGHT	119.79	124.01	0.00	121.82
% SAMP. WT.	50.89	49.11	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 152 - LUND

SAMPLE NUMBERS: 270,155,228, 50, 75, 32,124,163,305,150,
55, 81, 24, 89, 78, 92, 90, 88, 56, 40,
235,172, 71, 76,289,244,157, 31, 37, 19,
30, 38, 20,237, 80,241, 18, 61, 36,152,
52,151,159

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 16/83 - MAR 17/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	22	1379	1050	659	532	125	135	44	9	301	4256
% AT AGE	0.00	0.56	34.87	26.55	16.66	13.45	3.16	3.41	1.11	0.23	0.00	100.00
LENGTH - MEAN(mm)	0.00	162.73	180.81	194.82	202.28	205.89	213.02	217.21	222.18	237.33	196.91	194.42
- STD. DEV.	0.00	9.28	8.78	10.02	9.14	10.06	10.05	10.81	12.56	8.19	14.46	15.14
WEIGHT - MEAN(gm)	0.00	59.41	83.07	106.38	121.25	128.49	142.34	149.68	161.50	201.56	110.01	107.11
- STD. DEV.	0.00	7.20	12.92	17.09	18.13	20.10	20.43	23.72	28.89	23.55	25.03	27.25

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	5	22	1498	2174	351	204	0	0
% AT STAGE	0.05	0.12	0.52	35.20	51.08	8.25	4.79	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1071	1140	84	2295
%	46.67	49.67	3.66	100.00
% SAMPLE WEIGHT	8.86	13.31	0.05	22.22

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	1958	2295	3	4256
%	46.01	53.92	0.07	100.00
MEAN WEIGHT	104.09	109.73	78.33	107.11
% SAMP. WT.	44.71	55.24	0.05	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 162 - STILLWATER

SAMPLE NUMBERS: 16,165,153,215, 91,164

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 24/83 - MAR 9/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	5	238	142	69	53	8	9	3	0	66	593
% AT AGE	0.00	0.95	45.16	26.94	13.09	10.06	1.52	1.71	0.57	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	152.00	178.68	192.92	202.78	201.66	207.75	209.11	218.67	0.00	194.39	189.53
- STD. DEV.	0.00	4.30	9.73	11.20	8.92	9.78	15.41	12.13	4.16	0.00	13.99	14.99
WEIGHT - MEAN(gm)	0.00	54.60	85.86	109.89	127.10	124.66	140.75	153.89	146.67	0.00	114.03	104.83
- STD. DEV.	0.00	11.35	11.38	14.26	14.25	19.59	21.14	24.15	8.74	0.00	24.36	23.97

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	4	221	351	17	0	0	0
% AT STAGE	0.00	0.00	0.67	37.27	59.19	2.87	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	156	211	0	367
%	42.51	57.49	0.00	100.00
% SAMPLE WEIGHT	8.43	14.71	0.00	23.14

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	226	367	0	593
%	38.11	61.89	0.00	100.00
MEAN WEIGHT	99.59	108.06	0.00	104.83
% SAMP. WT.	36.20	63.80	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 216, 69,148,161,304, 26, 33,133, 29

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 23/83 - MAR 18/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	63	187	180	168	74	26	43	18	9	124	892
% AT AGE	0.00	8.20	24.35	23.44	21.88	9.64	3.39	5.60	2.34	1.17	0.00	100.00
LENGTH - MEAN(mm)	0.00	158.83	182.86	198.76	210.50	216.39	222.08	228.74	229.56	239.44	199.53	199.54
- STD. DEV.	0.00	7.84	10.86	9.44	10.00	10.44	12.37	12.36	13.01	11.56	19.28	21.31
WEIGHT - MEAN(gm)	0.00	56.48	85.54	111.38	143.95	148.32	160.23	185.14	188.11	201.67	118.43	119.70
- STD. DEV.	0.00	10.32	15.61	19.88	29.17	31.86	32.71	35.60	34.72	32.48	41.39	43.32

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	7	73	428	127	14	238	0	4
% AT STAGE	0.11	0.78	8.18	47.98	14.24	1.57	26.68	0.00	0.45

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	331	19	111	461
%	71.80	4.12	24.08	100.00
% SAMPLE WEIGHT	12.51	0.73	0.36	13.61

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	427	461	4	892
%	47.87	51.68	0.45	100.00
MEAN WEIGHT	117.43	122.19	75.25	119.70
% SAMP. WT.	46.96	52.76	0.28	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 172 - NANOOSE BAY

SAMPLE NUMBERS: 74, 59,226, 43, 58,296, 57,149,233,297

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 26/83 - MAR 4/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	130	324	251	97	46	13	5	6	1	99	972
% AT AGE	0.00	14.89	37.11	28.75	11.11	5.27	1.49	0.57	0.69	0.11	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.67	182.72	199.54	209.19	218.33	224.08	227.80	227.83	237.00	192.09	190.38
- STD. DEV.	0.00	8.22	11.12	10.98	10.09	8.19	10.28	11.69	12.83	0.00	17.64	20.05
WEIGHT - MEAN(gm)	0.00	57.63	88.72	117.98	138.22	158.96	172.23	172.20	180.50	200.00	105.41	104.31
- STD. DEV.	0.00	8.62	16.46	22.62	24.91	22.87	26.94	22.25	27.25	0.00	32.43	35.31

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	5	0	14	325	523	46	59	0	0
% AT STAGE	0.51	0.00	1.44	33.44	53.81	4.73	6.07	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	226	267	28	521
%	43.38	51.25	5.37	100.00
% SAMPLE WEIGHT	6.96	16.59	0.09	23.64

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	451	521	0	972
%	46.40	53.60	0.00	100.00
MEAN WEIGHT	100.45	107.65	0.00	104.31
% SAMP. WT.	44.68	55.32	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 199, 94,154,229,220, 84, 34, 46, 23

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 22/83 - MAR 14/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	41	269	220	134	64	16	23	4	1	124	896
% AT AGE	0.00	5.31	34.84	28.50	17.36	8.29	2.07	2.98	0.52	0.13	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.78	183.20	197.65	206.90	214.75	221.75	224.78	232.00	249.00	195.51	195.32
- STD. DEV.	0.00	8.03	10.91	10.33	9.33	9.64	9.95	11.49	3.16	0.00	14.09	17.45
WEIGHT - MEAN(gm)	0.00	59.37	88.87	115.07	132.32	152.16	153.44	171.96	202.75	198.00	111.06	111.96
- STD. DEV.	0.00	8.42	16.23	20.80	23.05	23.78	29.22	28.24	5.56	0.00	29.95	33.16

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	4	244	448	58	142	0	0
% AT STAGE	0.00	0.00	0.45	27.23	50.00	6.47	15.85	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	153	233	58	444
%	34.46	52.48	13.06	100.00
% SAMPLE WEIGHT	7.62	11.95	0.16	19.72

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	452	444	0	896
%	50.45	49.55	0.00	100.00
MEAN WEIGHT	105.24	118.80	0.00	111.96
% SAMP. WT.	47.42	52.58	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 181 - OTHER AREA 18

SAMPLE NUMBERS: 21,121,143,219

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 25/83 - MAR 10/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	12	101	111	51	27	10	9	7	1	65	394
% AT AGE	0.00	3.65	30.70	33.74	15.50	8.21	3.04	2.74	2.13	0.30	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.25	186.70	200.07	207.37	215.44	219.30	226.00	234.57	232.00	199.60	199.25
- STD. DEV.	0.00	8.70	8.57	9.41	9.25	9.36	5.91	11.97	11.18	0.00	18.23	16.68
WEIGHT - MEAN(gm)	0.00	60.17	83.23	101.21	117.14	135.78	137.90	151.44	179.86	152.00	107.05	104.35
- STD. DEV.	0.00	9.58	12.75	17.04	21.97	25.30	15.55	23.88	34.56	0.00	33.61	30.04

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	0	0	68	52	4	267	0	1
% AT STAGE	0.51	0.00	0.00	17.26	13.20	1.02	67.77	0.00	0.25

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	44	7	116	167
%	26.35	4.19	69.46	100.00
% SAMPLE WEIGHT	6.93	1.10	1.36	9.39

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	226	167	1	394
%	57.36	42.39	0.25	100.00
MEAN WEIGHT	103.12	106.35	48.00	104.35
% SAMP. WT.	56.68	43.20	0.12	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 183 - PLUMPER SOUND

SAMPLE NUMBERS: 134, 22

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 24/83 - MAR 16/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	44	56	23	19	6	4	5	0	38	198
% AT AGE	0.00	1.88	27.50	35.00	14.38	11.88	3.75	2.50	3.13	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	172.67	186.45	199.50	210.65	218.53	225.67	225.25	230.40	0.00	199.45	201.40
- STD. DEV.	0.00	4.04	9.90	8.88	6.92	9.60	9.18	11.41	7.67	0.00	16.04	16.26
WEIGHT - MEAN(gm)	0.00	67.33	84.82	104.45	128.96	154.21	167.83	142.25	181.80	0.00	109.84	112.82
- STD. DEV.	0.00	7.64	13.21	18.24	27.83	28.22	28.88	38.11	26.70	0.00	32.31	34.63

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	4	88	10	1	94	0	0
% AT STAGE	0.00	0.51	2.02	44.44	5.05	0.51	47.47	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	47	4	44	95
%	49.47	4.21	46.32	100.00
% SAMPLE WEIGHT	11.20	1.34	0.77	13.31

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	103	95	0	198
%	52.02	47.98	0.00	100.00
MEAN WEIGHT	111.67	114.06	0.00	112.82
% SAMP. WT.	51.49	48.51	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 231 - OTHER AREA 23

SAMPLE NUMBERS: 167,171

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 27/83 - MAR 11/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	22	46	44	28	13	8	1	2	32	200
% AT AGE	0.00	2.38	13.10	27.38	26.19	16.67	7.74	4.76	0.60	1.19	0.00	100.00
LENGTH - MEAN(mm)	0.00	160.75	186.77	200.54	210.61	216.96	224.69	226.13	224.00	236.50	200.81	205.86
- STD. DEV.	0.00	6.13	11.66	10.24	9.07	6.05	6.56	6.15	0.00	0.71	15.40	16.34
WEIGHT - MEAN(gm)	0.00	56.25	92.95	119.80	141.09	159.18	171.85	169.13	176.00	191.00	120.84	132.29
- STD. DEV.	0.00	9.74	19.20	21.40	20.92	17.18	17.67	21.97	0.00	31.11	35.90	34.41

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	3	117	78	2	0	0
% AT STAGE	0.00	0.00	0.00	1.50	58.50	39.00	1.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	101	0	103
%	1.94	98.06	0.00	100.00
% SAMPLE WEIGHT	0.21	30.67	0.00	30.88

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	97	103	0	200
%	48.50	51.50	0.00	100.00
MEAN WEIGHT	125.20	138.97	0.00	132.29
% SAMP. WT.	45.90	54.10	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 232 - MACOAH PASS

SAMPLE NUMBERS: 166,280,293, 51,125,225,240, 53, 73

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE
OTHER

DATE: FEB 24/83 - MAR 15/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	36	163	183	184	132	24	37	9	11	95	874
% AT AGE	0.00	4.62	20.92	23.49	23.62	16.94	3.08	4.75	1.16	1.41	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.86	186.48	200.05	209.75	218.14	222.50	227.16	234.67	234.36	201.47	203.35
- STD. DEV.	0.00	6.35	9.38	8.84	8.74	7.65	9.11	9.12	5.07	6.87	17.17	18.14
WEIGHT - MEAN(gm)	0.00	59.47	95.15	119.98	139.58	161.30	175.92	180.43	210.22	191.82	125.93	129.80
- STD. DEV.	0.00	7.71	16.27	19.82	23.08	23.53	21.00	25.78	25.72	20.33	36.26	37.71

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	2	2	69	584	120	96	0	1
% AT STAGE	0.00	0.23	0.23	7.89	66.82	13.73	10.98	0.00	0.11

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	53	310	39	402
%	13.18	77.11	9.70	100.00
% SAMPLE WEIGHT	2.70	24.18	0.12	27.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	471	402	1	874
%	53.89	46.00	0.11	100.00
MEAN WEIGHT	123.28	137.48	112.00	129.80
% SAMP. WT.	51.18	48.72	0.10	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 238 - OFFSHORE AREA 23

SAMPLE NUMBERS: 127

SOURCE: PRE-FISHERY CHARTER

GEAR: OTHER

DATE: MAR 15/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	22	27	16	22	3	0	0	0	7	100
% AT AGE	0.00	3.23	23.66	29.03	17.20	23.66	3.23	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	156.67	176.36	189.93	198.19	203.73	218.00	0.00	0.00	0.00	194.57	191.47
- STD. DEV.	0.00	4.93	8.04	7.03	8.36	7.66	13.11	0.00	0.00	0.00	13.70	14.69
WEIGHT - MEAN(gm)	0.00	61.33	94.64	110.70	140.75	156.32	178.33	0.00	0.00	0.00	120.00	123.21
- STD. DEV.	0.00	3.21	17.31	18.19	23.34	19.27	64.07	0.00	0.00	0.00	18.38	33.79

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	3	87	1	9	0	0
% AT STAGE	0.00	0.00	0.00	3.00	87.00	1.00	9.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	34	3	38
%	2.63	89.47	7.89	100.00
% SAMPLE WEIGHT	0.53	26.77	0.13	27.42

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	62	38	0	100
%	62.00	38.00	0.00	100.00
MEAN WEIGHT	121.97	125.24	0.00	123.21
% SAMP. WT.	61.37	38.63	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 243 - SYDNEY INLET

SAMPLE NUMBERS: 49,222, 42,218

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 26/83 - MAR 5/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	34	120	63	55	53	12	19	2	0	38	396
% AT AGE	0.00	9.50	33.52	17.60	15.36	14.80	3.35	5.31	0.56	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.82	184.00	196.67	206.35	213.40	218.92	223.58	233.00	0.00	195.82	195.49
- STD. DEV.	0.00	7.78	9.46	8.84	9.27	8.17	9.70	7.69	1.41	0.00	18.94	19.05
WEIGHT - MEAN(gm)	0.00	64.62	90.88	115.57	134.35	150.55	161.08	169.84	182.00	0.00	113.50	115.12
- STD. DEV.	0.00	8.70	15.37	19.49	21.99	22.22	24.12	17.93	5.66	0.00	33.19	35.38

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	3	1	147	186	53	4	0	1
% AT STAGE	0.25	0.76	0.25	37.12	46.97	13.38	1.01	0.00	0.25

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	96	119	1	216
%	44.44	55.09	0.46	100.00
% SAMPLE WEIGHT	7.64	17.71	0.01	25.36

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	179	216	1	396
%	45.20	54.55	0.25	100.00
MEAN WEIGHT	115.97	114.64	67.00	115.12
% SAMP. WT.	45.53	54.32	0.15	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 244 - WHITEPINE COVE

SAMPLE NUMBERS: 48,242

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 26/83 - MAR 2/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	7	59	49	33	23	5	5	2	0	17	200
% AT AGE	0.00	3.83	32.24	26.78	18.03	12.57	2.73	2.73	1.09	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.00	187.02	195.69	211.67	220.09	227.40	225.80	217.50	0.00	204.41	199.97
- STD. DEV.	0.00	3.74	9.77	10.81	10.30	9.53	9.37	10.18	14.85	0.00	10.61	17.53
WEIGHT - MEAN(gm)	0.00	64.14	93.63	112.08	141.15	162.39	188.80	168.60	158.50	0.00	127.24	120.63
- STD. DEV.	0.00	4.98	18.37	21.24	21.83	21.90	24.00	30.04	34.65	0.00	20.69	34.90

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	2	80	113	4	0	0	0
% AT STAGE	0.00	0.50	1.00	40.00	56.50	2.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	77	51	0	128
%	60.16	39.84	0.00	100.00
% SAMPLE WEIGHT	11.55	13.82	0.00	25.36

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	72	128	0	200
%	36.00	64.00	0.00	100.00
MEAN WEIGHT	119.74	121.13	0.00	120.63
% SAMP. WT.	35.73	64.27	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 245 - MEARES ISLAND

SAMPLE NUMBERS: 145, 79,245,105,238, 77

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 4/83 - MAR 12/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	20	143	121	121	92	18	30	4	3	46	598
% AT AGE	0.00	3.62	25.91	21.92	21.92	16.67	3.26	5.43	0.72	0.54	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.50	182.79	196.72	208.88	215.37	220.44	228.77	230.75	233.67	200.39	200.49
- STD. DEV.	0.00	5.75	11.35	11.09	11.93	8.05	11.68	10.24	9.29	8.14	18.79	19.44
WEIGHT - MEAN(gm)	0.00	60.70	91.48	115.06	141.34	152.13	164.94	177.83	186.00	193.67	126.00	124.98
- STD. DEV.	0.00	9.09	16.00	19.84	25.31	21.33	21.98	26.37	43.61	19.50	36.43	36.49

MJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	34	538	25	1	0	0
% AT STAGE	0.00	0.00	0.00	5.69	89.97	4.18	0.17	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	21	294	0	315
%	6.67	93.33	0.00	100.00
% SAMPLE WEIGHT	1.15	28.25	0.00	29.39

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	282	315	1	598
%	47.16	52.68	0.17	100.00
MEAN WEIGHT	116.84	132.24	138.00	124.98
% SAMP. WT.	44.08	55.73	0.16	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 251 - OTHER AREA 25

SAMPLE NUMBERS: 358

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 24/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	10	29	14	2	41	1	0	0	0	3	100
% AT AGE	0.00	10.31	29.90	14.43	2.06	42.27	1.03	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	160.60	177.14	192.14	203.00	208.05	225.00	0.00	0.00	0.00	208.33	192.19
- STD. DEV.	0.00	5.78	6.33	9.42	5.66	8.75	0.00	0.00	0.00	0.00	8.02	18.74
WEIGHT - MEAN(gm)	0.00	57.30	76.31	105.43	127.00	139.46	167.00	0.00	0.00	0.00	147.33	109.01
- STD. DEV.	0.00	8.96	8.33	16.28	12.73	19.69	0.00	0.00	0.00	0.00	28.88	35.41

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	32	66	2	0	0	0
% AT STAGE	0.00	0.00	0.00	32.00	66.00	2.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	22	30	0	52
%	42.31	57.69	0.00	100.00
% SAMPLE WEIGHT	9.86	16.94	0.00	26.80

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	48	52	0	100
%	48.00	52.00	0.00	100.00
MEAN WEIGHT	97.81	119.35	0.00	109.01
% SAMP. WT.	43.07	56.93	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 252 - WEST NOOTKA

SAMPLE NUMBERS: 60

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 25/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	7	31	7	15	19	3	3	0	0	15	100
% AT AGE	0.00	8.24	36.47	8.24	17.65	22.35	3.53	3.53	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.86	183.13	195.14	202.20	211.53	216.00	216.67	0.00	0.00	187.60	193.26
- STD. DEV.	0.00	5.01	7.77	6.39	9.49	7.32	12.77	5.51	0.00	0.00	15.91	17.58
WEIGHT - MEAN(gm)	0.00	59.29	92.45	111.00	126.67	141.05	160.00	154.33	0.00	0.00	98.27	110.55
- STD. DEV.	0.00	4.39	11.36	14.17	17.77	21.42	26.46	15.37	0.00	0.00	25.26	30.84

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	11	73	16	0	0	0
% AT STAGE	0.00	0.00	0.00	11.00	73.00	16.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	7	53	0	60
%	11.67	88.33	0.00	100.00
% SAMPLE WEIGHT	2.06	25.66	0.00	27.72

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	40	60	0	100
%	40.00	60.00	0.00	100.00
MEAN WEIGHT	98.18	118.80	0.00	110.55
% SAMP. WT.	35.52	64.48	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 253 - NUCHATLITZ INLET

SAMPLE NUMBERS: 54, 27, 44, 47

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: FEB 25/83 - FEB 27/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	48	65	88	100	28	25	1	0	41	400
% AT AGE	0.00	1.11	13.37	18.11	24.51	27.86	7.80	6.96	0.28	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.00	181.31	195.63	203.82	210.72	215.25	214.24	233.00	0.00	201.66	202.35
- STD. DEV.	0.00	10.03	7.50	9.27	8.30	8.75	8.92	9.84	0.00	0.00	14.98	14.53
WEIGHT - MEAN(gm)	0.00	53.50	86.98	115.03	132.93	146.70	150.93	152.96	171.00	0.00	126.54	129.11
- STD. DEV.	0.00	9.68	12.98	17.04	17.57	19.35	17.64	16.95	0.00	0.00	31.35	28.67

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	0	122	245	32	0	0	0
% AT STAGE	0.00	0.25	0.00	30.50	61.25	8.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	82	131	0	213
%	38.50	61.50	0.00	100.00
% SAMPLE WEIGHT	7.43	19.06	0.00	26.49

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	187	213	0	400
%	46.75	53.25	0.00	100.00
MEAN WEIGHT	124.96	132.75	0.00	129.11
% SAMP. WT.	45.25	54.75	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 272 - BROOKS BAY

SAMPLE NUMBERS: 168

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 10/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	10	15	5	9	0	4	0	0	2	48
% AT AGE	0.00	6.52	21.74	32.61	10.87	19.57	0.00	8.70	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	154.67	184.50	198.07	205.80	214.11	0.00	216.75	0.00	0.00	189.50	197.54
- STD. DEV.	0.00	5.86	6.59	5.98	3.03	7.03	0.00	6.34	0.00	0.00	10.61	16.80
WEIGHT - MEAN(gm)	0.00	49.67	92.10	113.67	121.40	133.11	0.00	136.50	0.00	0.00	101.00	111.00
- STD. DEV.	0.00	6.03	13.08	16.10	13.83	20.84	0.00	23.81	0.00	0.00	19.80	27.01

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	0	29	13	6	0	0
% AT STAGE	0.00	0.00	0.00	0.00	60.42	27.08	12.50	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	14	4	18
%	0.00	77.78	22.22	100.00
% SAMPLE WEIGHT	0.00	23.12	0.43	23.54

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	30	18	0	48
%	62.50	37.50	0.00	100.00
MEAN WEIGHT	107.23	117.28	0.00	111.00
% SAMP. WT.	60.38	39.62	0.00	100.00

TABLE 10 (CONT.) PRE-FISHERY CHARTER SAMPLE SUMMARIES BY SECTION

SECTION: 273 - WINTER HARBOUR

SAMPLE NUMBERS: 174

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

DATE: MAR 13/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	11	17	6	20	0	0	0	0	2	57
% AT AGE	0.00	1.82	20.00	30.91	10.91	36.36	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	173.00	188.55	201.82	207.33	213.25	0.00	0.00	0.00	0.00	209.50	203.61
- STD. DEV.	0.00	0.00	8.51	6.26	7.23	10.72	0.00	0.00	0.00	0.00	6.36	12.91
WEIGHT - MEAN(gm)	0.00	54.00	85.00	99.18	108.00	124.95	0.00	0.00	0.00	0.00	113.50	106.12
- STD. DEV.	0.00	0.00	14.74	16.32	19.89	29.89	0.00	0.00	0.00	0.00	19.09	27.20

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	3	18	0	36	0	0
% AT STAGE	0.00	0.00	0.00	5.26	31.58	0.00	63.16	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	11	25	36
%	0.00	30.56	69.44	100.00
% SAMPLE WEIGHT	0.00	10.18	2.95	13.13

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	21	36	0	57
%	36.84	63.16	0.00	100.00
MEAN WEIGHT	103.76	107.50	0.00	106.12
% SAMP. WT.	36.02	63.98	0.00	100.00

TABLE 11 SEINE ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 2W - WEST COAST Q.C.I.

SAMPLE NUMBERS: 324,352,333,374,188,403,422,287,320,368, 316,426

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 21/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	17	746	47	162	28	21	10	6	156	1196
% AT AGE	0.00	0.29	1.63	71.73	4.52	15.58	2.69	2.02	0.96	0.58	0.00	100.00
LENGTH - MEAN(mm)	0.00	170.67	192.82	207.63	216.60	222.62	226.00	235.95	240.90	247.50	206.65	210.99
- STD. DEV.	0.00	5.51	8.66	9.32	9.16	10.05	10.01	11.34	8.75	12.28	15.22	13.26
WEIGHT - MEAN(gm)	0.00	73.67	105.29	138.49	154.77	174.02	184.82	198.86	192.20	202.67	142.35	146.73
- STD. DEV.	0.00	4.62	15.08	21.78	23.58	28.51	24.05	23.88	22.94	27.02	31.46	29.82

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	19	893	283	1	0	0
% AT STAGE	0.00	0.00	0.00	1.59	74.67	23.66	0.08	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	17	591	1	609
%	2.79	97.04	0.16	100.00
% SAMPLE WEIGHT	0.51	29.80	0.02	30.34

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	587	609	0	1196
%	49.08	50.92	0.00	100.00
MEAN WEIGHT	137.45	155.67	0.00	146.73
% SAMP. WT.	45.98	54.02	0.00	100.00

TABLE 11 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 2E - EAST COAST Q.C.I.

SAMPLE NUMBERS: 411,362,390,384,343,404,345,405,355,357, 371

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 8/83 - MAR 23/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	26	32	28	62	723	29	9	6	1	184	1100
% AT AGE	0.00	2.84	3.49	3.06	6.77	78.93	3.17	0.98	0.66	0.11	0.00	100.00
LENGTH - MEAN(mm)	0.00	163.15	181.38	197.21	203.05	209.00	216.24	214.11	235.83	235.00	202.81	205.85
- STD. DEV.	0.00	8.11	8.80	8.89	11.96	10.18	8.43	11.03	9.83	0.00	17.29	14.65
WEIGHT - MEAN(gm)	0.00	65.54	100.13	124.18	141.40	155.09	168.21	167.56	199.33	181.00	137.41	147.57
- STD. DEV.	0.00	8.00	14.60	18.59	19.83	20.60	20.90	17.54	26.25	0.00	31.91	28.78

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	0	0	122	816	160	1	0	0
% AT STAGE	0.09	0.00	0.00	11.09	74.18	14.55	0.09	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	39	480	0	519
%	7.51	92.49	0.00	100.00
% SAMPLE WEIGHT	1.43	26.63	0.00	28.06

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	581	519	0	1100
%	52.82	47.18	0.00	100.00
MEAN WEIGHT	138.37	157.87	0.00	147.57
% SAMP. WT.	49.53	50.47	0.00	100.00

TABLE 11 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 7 - BELLA BELLA

SAMPLE NUMBERS: 415,302,286,385,334,273,342,288,413,349, 283,400,425,423

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 15/83 - MAR 17/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	2	71	168	142	744	61	42	8	5	153	1396
% AT AGE	0.00	0.16	5.71	13.52	11.42	59.86	4.91	3.38	0.64	0.40	0.00	100.00
LENGTH - MEAN(mm)	0.00	148.50	183.30	194.20	200.78	206.66	209.39	216.38	215.25	228.60	200.78	203.19
- STD. DEV.	0.00	19.09	10.77	9.92	11.00	10.62	11.99	14.14	16.57	9.81	13.14	13.20
WEIGHT - MEAN(gm)	0.00	56.00	97.35	120.95	134.55	146.76	157.90	160.48	159.75	192.80	138.15	139.97
- STD. DEV.	0.00	9.90	17.25	18.30	20.32	19.18	19.30	25.56	23.64	10.06	25.28	24.78

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	1	100	1121	172	0	0	1
% AT STAGE	0.00	0.07	0.07	7.16	80.30	12.32	0.00	0.00	0.07

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	93	681	0	774
%	12.02	87.98	0.00	100.00
% SAMPLE WEIGHT	2.91	27.07	0.00	29.98

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	622	774	0	1396
%	44.56	55.44	0.00	100.00
MEAN WEIGHT	133.74	144.97	0.00	139.97
% SAMP. WT.	42.57	57.43	0.00	100.00

TABLE 11 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 14 - COMOX

SAMPLE NUMBERS: 398,399,392,383,393,397,396,402,388,401, 394

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: FEB 27/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	11	186	308	226	128	37	39	19	5	138	1097
% AT AGE	0.00	1.15	19.40	32.12	23.57	13.35	3.86	4.07	1.98	0.52	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.55	181.84	197.93	204.96	210.05	218.35	220.41	228.95	223.80	202.08	200.32
- STD. DEV.	0.00	8.70	12.22	12.19	11.87	10.15	8.34	13.61	9.30	12.87	12.53	16.58
WEIGHT - MEAN(gm)	0.00	51.64	90.72	124.30	140.19	151.16	170.51	178.56	184.21	186.20	130.52	129.87
- STD. DEV.	0.00	8.98	15.97	19.86	21.65	21.22	15.34	18.73	24.87	14.97	27.64	32.25

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	64	802	230	0	0	1
% AT STAGE	0.00	0.00	0.00	5.83	73.11	20.97	0.00	0.00	0.09

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	50	482	0	532
%	9.40	90.60	0.00	100.00
% SAMPLE WEIGHT	1.67	26.58	0.00	28.25

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	564	532	1	1097
%	51.41	48.50	0.09	100.00
MEAN WEIGHT	124.71	135.51	44.00	129.87
% SAMP. WT.	49.37	50.60	0.03	100.00

TABLE 11 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 15 - WESTVIEW

SAMPLE NUMBERS: 291,272,104,255, 96,263,107,261,294,282,
99,250,266,380,265

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 4/83 - MAR 5/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	295	405	281	235	84	47	18	6	127	1499
% AT AGE	0.00	0.07	21.50	29.52	20.48	17.13	6.12	3.43	1.31	0.44	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.00	180.86	195.40	201.67	205.58	212.15	214.23	223.44	228.33	199.58	197.64
- STD. DEV.	0.00	0.00	8.53	9.57	9.37	10.09	11.73	9.95	11.66	16.15	13.03	14.21
WEIGHT - MEAN(gm)	0.00	53.00	84.20	107.67	121.46	128.87	142.38	150.02	165.72	184.33	116.02	113.91
- STD. DEV.	0.00	0.00	11.70	16.07	18.19	18.76	25.80	24.77	24.77	28.43	25.33	26.54

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	100	1121	274	3	1	0
% AT STAGE	0.00	0.00	0.00	6.67	74.78	18.28	0.20	0.07	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	72	668	1	741
%	9.72	90.15	0.13	100.00
% SAMPLE WEIGHT	2.00	23.92	0.00	25.91

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	758	741	0	1499
%	50.57	49.43	0.00	100.00
MEAN WEIGHT	109.23	118.70	0.00	113.91
% SAMP. WT.	48.49	51.51	0.00	100.00

TABLE 11 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 391,100,378,108,109,146,116,389,377,103

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 2/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	38	255	264	167	74	27	20	11	1	138	995
% AT AGE	0.00	4.43	29.75	30.81	19.49	8.63	3.15	2.33	1.28	0.12	0.00	100.00
LENGTH - MEAN(mm)	0.00	158.66	181.29	197.40	206.20	213.70	218.74	224.65	228.82	228.00	199.27	196.25
- STD. DEV.	0.00	10.35	10.00	10.58	10.15	10.03	12.99	9.94	13.67	0.00	15.45	17.89
WEIGHT - MEAN(gm)	0.00	58.71	87.37	117.68	136.80	152.54	171.48	179.95	185.27	172.00	117.18	116.91
- STD. DEV.	0.00	10.57	14.11	18.66	19.67	17.82	27.32	16.80	22.17	0.00	29.62	33.41

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	4	0	0	85	658	226	22	0	0
% AT STAGE	0.40	0.00	0.00	8.54	66.13	22.71	2.21	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	70	350	10	430
%	16.28	81.40	2.33	100.00
% SAMPLE WEIGHT	2.54	21.60	0.04	24.18

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	565	430	0	995
%	56.78	43.22	0.00	100.00
MEAN WEIGHT	111.65	123.82	0.00	116.91
% SAMP. WT.	54.23	45.77	0.00	100.00

TABLE 11 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 23 - BARKLEY SOUND

SAMPLE NUMBERS: 251,271,292,252,279,278,406,301,361,248

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 1/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	23	161	183	196	130	39	49	15	13	108	917
% AT AGE	0.00	2.84	19.90	22.62	24.23	16.07	4.82	6.06	1.85	1.61	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.91	186.98	199.40	208.43	215.52	219.31	225.49	233.33	231.08	200.44	203.86
- STD. DEV.	0.00	9.55	9.25	9.60	9.88	9.20	11.98	10.71	9.13	10.20	15.56	17.16
WEIGHT - MEAN(gm)	0.00	60.52	97.87	123.49	142.50	157.20	168.36	178.35	198.73	192.77	124.91	133.47
- STD. DEV.	0.00	9.62	13.80	18.49	20.10	19.59	23.15	22.22	18.55	18.93	30.01	34.18

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	54	643	219	1	0	0
% AT STAGE	0.00	0.00	0.00	5.89	70.12	23.88	0.11	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	44	372	0	416
%	10.58	89.42	0.00	100.00
% SAMPLE WEIGHT	2.23	27.27	0.00	29.50

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	501	416	0	917
%	54.63	45.37	0.00	100.00
MEAN WEIGHT	128.60	139.35	0.00	133.47
% SAMP. WT.	52.64	47.36	0.00	100.00

TABLE 12 SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 5 - ENGLEFIELD BAY

SAMPLE NUMBERS: 324,352,333,374,188,403,422,287,320,368, 316,426

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 21/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	17	746	47	162	28	21	10	6	156	1196
% AT AGE	0.00	0.29	1.63	71.73	4.52	15.58	2.69	2.02	0.96	0.58	0.00	100.00
LENGTH - MEAN(mm)	0.00	170.67	192.82	207.63	216.60	222.62	226.00	235.95	240.90	247.50	206.65	210.99
- STD. DEV.	0.00	5.51	8.66	9.32	9.16	10.05	10.01	11.34	8.75	12.28	15.22	13.26
WEIGHT - MEAN(gm)	0.00	73.67	105.29	138.49	154.77	174.02	184.82	198.86	192.20	202.67	142.35	146.73
- STD. DEV.	0.00	4.62	15.08	21.78	23.58	28.51	24.05	23.88	22.94	27.02	31.46	29.82

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	19	893	283	1	0	0
% AT STAGE	0.00	0.00	0.00	1.59	74.67	23.66	0.08	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	17	591	1	609
%	2.79	97.04	0.16	100.00
% SAMPLE WEIGHT	0.51	29.80	0.02	30.34

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	587	609	0	1196
%	49.08	50.92	0.00	100.00
MEAN WEIGHT	137.45	155.67	0.00	146.73
% SAMP. WT.	45.98	54.02	0.00	100.00

TABLE 12 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 24 - LASKEEK BAY

SAMPLE NUMBERS: 362,390,343,404,345,357

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 8/83 - MAR 9/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	19	26	16	33	414	17	4	4	1	66	600
% AT AGE	0.00	3.56	4.87	3.00	6.18	77.53	3.18	0.75	0.75	0.19	0.00	100.00
LENGTH - MEAN(mm)	0.00	163.68	181.39	197.75	201.85	208.63	215.18	211.50	235.00	235.00	200.61	204.90
- STD. DEV.	0.00	7.19	9.11	7.60	13.39	10.33	5.81	14.80	12.57	0.00	18.40	15.22
WEIGHT - MEAN(gm)	0.00	65.89	99.04	127.19	140.55	155.10	162.18	158.25	196.75	181.00	135.39	146.68
- STD. DEV.	0.00	7.87	15.09	18.80	22.84	21.22	21.80	9.60	28.00	0.00	32.83	30.00

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	0	0	75	453	71	0	0	0
% AT STAGE	0.17	0.00	0.00	12.50	75.50	11.83	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	29	250	0	279
%	10.39	89.61	0.00	100.00
% SAMPLE WEIGHT	2.03	25.59	0.00	27.62

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	321	279	0	600
%	53.50	46.50	0.00	100.00
MEAN WEIGHT	136.94	157.87	0.00	146.68
% SAMP. WT.	49.95	50.05	0.00	100.00

TABLE 12 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 25 - SKINCUTTLE INLET

SAMPLE NUMBERS: 355,371,405,384,411

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 9/83 - MAR 23/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	7	6	12	29	309	12	5	2	0	118	500
% AT AGE	0.00	1.83	1.57	3.14	7.59	80.89	3.14	1.31	0.52	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.71	181.50	196.50	204.41	209.51	217.75	216.20	237.50	0.00	204.04	206.98
- STD. DEV.	0.00	10.75	8.09	10.69	10.16	9.95	11.29	8.17	0.71	0.00	16.59	13.87
WEIGHT - MEAN(gm)	0.00	64.57	104.83	120.17	142.38	155.08	176.75	175.00	204.50	0.00	138.54	148.65
- STD. DEV.	0.00	8.90	12.24	18.31	16.07	19.77	16.89	19.76	31.82	0.00	31.46	27.23

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	47	363	89	1	0	0
% AT STAGE	0.00	0.00	0.00	9.40	72.60	17.80	0.20	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	10	230	0	240
%	4.17	95.83	0.00	100.00
% SAMPLE WEIGHT	0.74	27.83	0.00	28.57

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	260	240	0	500
%	52.00	48.00	0.00	100.00
MEAN WEIGHT	140.13	157.87	0.00	148.65
% SAMP. WT.	49.02	50.98	0.00	100.00

TABLE 12 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 74 - THOMPSON BAY

SAMPLE NUMBERS: 423,400,425,288,413,349,283,342,415,302, 286,385,334,273

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 15/83 - MAR 17/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	2	71	168	142	744	61	42	8	5	153	1396
% AT AGE	0.00	0.16	5.71	13.52	11.42	59.86	4.91	3.38	0.64	0.40	0.00	100.00
LENGTH - MEAN(mm)	0.00	148.50	183.30	194.20	200.78	206.66	209.39	216.38	215.25	228.60	200.78	203.19
- STD. DEV.	0.00	19.09	10.77	9.92	11.00	10.62	11.99	14.14	16.57	9.81	13.14	13.20
WEIGHT - MEAN(gm)	0.00	56.00	97.35	120.95	134.55	146.76	157.90	160.48	159.75	192.80	138.15	139.97
- STD. DEV.	0.00	9.90	17.25	18.30	20.32	19.18	19.30	25.56	23.64	10.06	25.28	24.78

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	1	100	1121	172	0	0	1
% AT STAGE	0.00	0.07	0.07	7.16	80.30	12.32	0.00	0.00	0.07

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	93	681	0	774
%	12.02	87.98	0.00	100.00
% SAMPLE WEIGHT	2.91	27.07	0.00	29.98

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	622	774	0	1396
%	44.56	55.44	0.00	100.00
MEAN WEIGHT	133.74	144.97	0.00	139.97
% SAMP. WT.	42.57	57.43	0.00	100.00

TABLE 12 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 142 - BAYNES SOUND

SAMPLE NUMBERS: 396,402,388,401,394,397,393,398,399,392, 383

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: FEB 27/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	11	186	308	226	128	37	39	19	5	138	1097
% AT AGE	0.00	1.15	19.40	32.12	23.57	13.35	3.86	4.07	1.98	0.52	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.55	181.84	197.93	204.96	210.05	218.35	220.41	228.95	223.80	202.08	200.32
- STD. DEV.	0.00	8.70	12.22	12.19	11.87	10.15	8.34	13.61	9.30	12.87	12.53	16.58
WEIGHT - MEAN(gm)	0.00	51.64	90.72	124.30	140.19	151.16	170.51	178.56	184.21	186.20	130.52	129.87
- STD. DEV.	0.00	8.98	15.97	19.86	21.65	21.22	15.34	18.73	24.87	14.97	27.64	32.25

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	64	802	230	0	0	1
% AT STAGE	0.00	0.00	0.00	5.83	73.11	20.97	0.00	0.00	0.09

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	50	482	0	532
%	9.40	90.60	0.00	100.00
% SAMPLE WEIGHT	1.67	26.58	0.00	28.25

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	564	532	1	1097
%	51.41	48.50	0.09	100.00
MEAN WEIGHT	124.71	135.51	44.00	129.87
% SAMP. WT.	49.37	50.60	0.03	100.00

TABLE 12 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 152 - LUND

SAMPLE NUMBERS: 380,265,250,266,294,282, 99,291,272,104, 255, 96,263,107,261

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 4/83 - MAR 5/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	295	405	281	235	84	47	18	6	127	1499
% AT AGE	0.00	0.07	21.50	29.52	20.48	17.13	6.12	3.43	1.31	0.44	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.00	180.86	195.40	201.67	205.58	212.15	214.23	223.44	228.33	199.58	197.64
- STD. DEV.	0.00	0.00	8.53	9.57	9.37	10.09	11.73	9.95	11.66	16.15	13.03	14.21
WEIGHT - MEAN(gm)	0.00	53.00	84.20	107.67	121.46	128.87	142.38	150.02	165.72	184.33	116.02	113.91
- STD. DEV.	0.00	0.00	11.70	16.07	18.19	18.76	25.80	24.77	24.77	28.43	25.33	26.54

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	100	1121	274	3	1	0
% AT STAGE	0.00	0.00	0.00	6.67	74.78	18.28	0.20	0.07	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	72	668	1	741
%	9.72	90.15	0.13	100.00
% SAMPLE WEIGHT	2.00	23.92	0.00	25.91

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	758	741	0	1499
%	50.57	49.43	0.00	100.00
MEAN WEIGHT	109.23	118.70	0.00	113.91
% SAMP. WT.	48.49	51.51	0.00	100.00

TABLE 12 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 172 - NANOOSE BAY

SAMPLE NUMBERS: 378,108,109,146,116,389,377,103,391,100

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 2/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	38	255	264	167	74	27	20	11	1	138	995
% AT AGE	0.00	4.43	29.75	30.81	19.49	8.63	3.15	2.33	1.28	0.12	0.00	100.00
LENGTH - MEAN(mm)	0.00	158.66	181.29	197.40	206.20	213.70	218.74	224.65	228.82	228.00	199.27	196.25
- STD. DEV.	0.00	10.35	10.00	10.58	10.15	10.03	12.99	9.94	13.67	0.00	15.45	17.89
WEIGHT - MEAN(gm)	0.00	58.71	87.37	117.68	136.80	152.54	171.48	179.95	185.27	172.00	117.18	116.91
- STD. DEV.	0.00	10.57	14.11	18.66	19.67	17.82	27.32	16.80	22.17	0.00	29.62	33.41

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	4	0	0	85	658	226	22	0	0
% AT STAGE	0.40	0.00	0.00	8.54	66.13	22.71	2.21	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	70	350	10	430
%	16.28	81.40	2.33	100.00
% SAMPLE WEIGHT	2.54	21.60	0.04	24.18

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	565	430	0	995
%	56.78	43.22	0.00	100.00
MEAN WEIGHT	111.65	123.82	0.00	116.91
% SAMP. WT.	54.23	45.77	0.00	100.00

TABLE 12 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 231 - OTHER AREA 23

SAMPLE NUMBERS: 248

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 1/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	31	23	25	8	2	3	0	0	7	100
% AT AGE	0.00	1.08	33.33	24.73	26.88	8.60	2.15	3.23	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	187.00	189.32	203.17	212.84	219.25	230.00	226.67	0.00	0.00	201.71	203.56
- STD. DEV.	0.00	0.00	8.77	9.76	8.53	9.69	2.83	8.02	0.00	0.00	12.38	14.76
WEIGHT - MEAN(gm)	0.00	90.00	99.13	122.87	146.64	159.50	203.50	175.00	0.00	0.00	125.86	127.44
- STD. DEV.	0.00	0.00	13.87	22.07	18.50	18.06	0.71	18.19	0.00	0.00	24.95	30.80

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	5	66	29	0	0	0
% AT STAGE	0.00	0.00	0.00	5.00	66.00	29.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	52	0	54
%	3.70	96.30	0.00	100.00
% SAMPLE WEIGHT	0.83	27.21	0.00	28.04

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	46	54	0	100
%	46.00	54.00	0.00	100.00
MEAN WEIGHT	122.76	131.43	0.00	127.44
% SAMP. WT.	44.31	55.69	0.00	100.00

TABLE 12 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 232 - MACOAH PASS

SAMPLE NUMBERS: 406,301,361,251,271,292,252,278

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 1/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	22	126	155	168	118	37	45	15	13	97	796
% AT AGE	0.00	3.15	18.03	22.17	24.03	16.88	5.29	6.44	2.15	1.86	0.00	100.00
LENGTH - MEAN(mm)	0.00	160.77	186.26	198.92	207.75	215.06	218.73	225.20	233.33	231.08	200.04	203.84
- STD. DEV.	0.00	8.01	9.34	9.55	9.90	9.21	12.02	10.96	9.13	10.20	15.87	17.50
WEIGHT - MEAN(gm)	0.00	59.18	97.55	123.91	141.98	156.74	166.46	178.27	198.73	192.77	124.77	134.32
- STD. DEV.	0.00	7.33	13.81	18.11	20.35	19.96	22.21	22.77	18.55	18.93	30.66	34.61

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	49	566	180	1	0	0
% AT STAGE	0.00	0.00	0.00	6.16	71.11	22.61	0.13	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	42	314	0	356
%	11.80	88.20	0.00	100.00
% SAMPLE WEIGHT	2.46	27.21	0.00	29.68

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	440	356	0	796
%	55.28	44.72	0.00	100.00
MEAN WEIGHT	129.14	140.71	0.00	134.32
% SAMP. WT.	53.15	46.85	0.00	100.00

TABLE 12 (CONT.) SEINE ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 233 - MAYNE BAY

SAMPLE NUMBERS: 279

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

DATE: MAR 1/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	4	5	3	4	0	1	0	0	4	21
% AT AGE	0.00	0.00	23.53	29.41	17.65	23.53	0.00	5.88	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	191.25	196.80	209.67	221.75	0.00	235.00	0.00	0.00	207.75	206.24
- STD. DEV.	0.00	0.00	7.41	7.73	13.20	3.59	0.00	0.00	0.00	00	14.01	15.10
WEIGHT - MEAN(gm)	0.00	0.00	98.25	113.20	137.33	166.25	0.00	192.00	0.00	0.00	126.50	130.19
- STD. DEV.	0.00	0.00	16.19	9.81	20.55	8.62	0.00	0.00	0.00	0.00	28.07	31.11

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	0	11	10	0	0	0
% AT STAGE	0.00	0.00	0.00	0.00	52.38	47.62	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	6	0	6
%	0.00	100.00	0.00	100.00
% SAMPLE WEIGHT	0.00	31.66	0.00	31.66

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	15	6	0	21
%	71.43	28.57	0.00	100.00
MEAN WEIGHT	130.47	129.50	0.00	130.19
% SAMP. WT.	71.58	28.42	0.00	100.00

TABLE 13 GILLNET ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 2E - EAST COAST Q.C.I.

SAMPLE NUMBERS: 227,210,300,211,195,253,260,313,350,254, 285,303

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 15/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	0	10	21	665	23	19	5	4	434	1181
% AT AGE	0.00	0.00	0.00	1.34	2.81	89.02	3.08	2.54	0.67	0.54	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	0.00	205.50	208.48	213.09	218.96	225.05	229.20	233.25	210.33	212.57
- STD. DEV.	0.00	0.00	0.00	4.99	9.14	8.69	9.57	8.02	11.99	11.53	9.41	9.41
WEIGHT - MEAN(gm)	0.00	0.00	0.00	141.80	147.67	156.85	170.57	176.63	181.60	203.50	154.28	156.46
- STD. DEV.	0.00	0.00	0.00	8.97	15.30	17.70	16.16	19.77	28.61	18.91	18.15	18.49

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	12	942	226	0	0	0
% AT STAGE	0.00	0.00	0.08	1.02	79.76	19.14	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	12	575	0	587
%	2.04	97.96	0.00	100.00
% SAMPLE WEIGHT	0.50	28.60	0.00	29.09

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	594	587	0	1181
%	50.30	49.70	0.00	100.00
MEAN WEIGHT	149.05	163.96	0.00	156.46
% SAMP. WT.	47.91	52.09	0.00	100.00

TABLE 13 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 6 - BUTEDALE

SAMPLE NUMBERS: 205,184,412,212,318,175,179

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 21/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	0	17	22	389	15	21	5	3	226	698
% AT AGE	0.00	0.00	0.00	3.60	4.66	82.42	3.18	4.45	1.06	0.64	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	0.00	203.47	207.95	210.17	217.27	220.38	223.60	230.00	210.81	210.79
- STD. DEV.	0.00	0.00	0.00	5.83	8.80	7.68	10.56	10.13	3.13	14.11	8.88	8.70
WEIGHT - MEAN(gm)	0.00	0.00	0.00	126.76	135.41	141.10	156.27	155.86	168.60	176.67	140.94	141.64
- STD. DEV.	0.00	0.00	0.00	12.30	15.38	17.80	19.99	19.08	19.40	14.05	18.04	18.48

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	11	614	72	1	0	0
% AT STAGE	0.00	0.00	0.00	1.58	87.97	10.32	0.14	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	9	348	1	358
%	2.51	97.21	0.28	100.00
% SAMPLE WEIGHT	0.55	24.52	0.00	25.07

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	340	358	0	698
%	48.71	51.29	0.00	100.00
MEAN WEIGHT	136.68	146.35	0.00	141.64
% SAMP. WT.	47.00	53.00	0.00	100.00

TABLE 13 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 7 - BELLA BELLA

SAMPLE NUMBERS: 178,201,200,322,381,367,193,366,414,192,
317,187,207,365,363,344,182,410

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 18/83 - MAR 23/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	9	117	215	913	76	52	7	3	407	1799
% AT AGE	0.00	0.00	0.65	8.41	15.45	65.59	5.46	3.74	0.50	0.22	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	194.33	198.87	203.67	208.81	211.78	215.42	216.57	235.00	206.96	207.45
- STD. DEV.	0.00	0.00	7.12	8.62	9.06	9.04	10.78	9.88	8.96	10.15	10.29	10.03
WEIGHT - MEAN(gm)	0.00	0.00	120.44	133.43	139.31	149.19	154.74	162.12	165.14	193.00	146.39	146.95
- STD. DEV.	0.00	0.00	17.19	14.39	15.87	17.14	17.70	19.98	18.19	36.51	17.01	18.03

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	35	1566	188	9	0	1
% AT STAGE	0.00	0.00	0.00	1.95	87.05	10.45	0.50	0.00	0.06

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	962	7	970
%	0.10	99.18	0.72	100.00
% SAMPLE WEIGHT	0.03	30.10	0.05	30.18

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	828	970	1	1799
%	46.03	53.92	0.06	100.00
MEAN WEIGHT	141.52	151.60	131.00	146.95
% SAMP. WT.	44.32	55.63	0.05	100.00

TABLE 13 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 14 - COMOX

SAMPLE NUMBERS: 284,269,274,259,275,249

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: FEB 27/83 - FEB 28/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	2	113	120	96	38	30	7	1	183	590
% AT AGE	0.00	0.00	0.49	27.76	29.48	23.59	9.34	7.37	1.72	0.25	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	203.00	206.41	213.23	219.05	222.95	228.70	237.00	236.00	212.25	214.27
- STD. DEV.	0.00	0.00	11.31	7.77	7.67	8.70	7.04	9.24	13.20	0.00	9.00	10.49
WEIGHT - MEAN(gm)	0.00	0.00	123.50	134.90	149.24	159.52	172.76	177.47	194.00	217.00	145.98	150.67
- STD. DEV.	0.00	0.00	6.36	12.59	16.17	17.06	18.89	21.02	33.89	0.00	17.58	21.20

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	18	457	112	3	0	0
% AT STAGE	0.00	0.00	0.00	3.05	77.46	18.98	0.51	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	17	264	0	281
%	6.05	93.95	0.00	100.00
% SAMPLE WEIGHT	1.64	27.68	0.00	29.32

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	309	281	0	590
%	52.37	47.63	0.00	100.00
MEAN WEIGHT	146.76	154.96	0.00	150.67
% SAMP. WT.	51.02	48.98	0.00	100.00

TABLE 13 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 25 - NOOTKA SOUND

SAMPLE NUMBERS: 173,158,106,144,136,395,119

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 3/83 - MAR 4/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	2	81	136	256	37	56	2	1	127	698
% AT AGE	0.00	0.00	0.35	14.19	23.82	44.83	6.48	9.81	0.35	0.18	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	195.50	198.96	202.53	207.69	208.84	213.46	208.50	219.00	208.78	206.38
- STD. DEV.	0.00	0.00	2.12	9.34	8.50	10.05	8.45	9.65	24.75	0.00	12.49	10.83
WEIGHT - MEAN(gm)	0.00	0.00	109.00	124.93	133.51	140.60	143.62	151.32	139.50	151.00	139.71	138.18
- STD. DEV.	0.00	0.00	9.90	11.60	12.92	15.38	13.97	20.28	4.95	0.00	16.94	16.56

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	7	576	108	7	0	0
% AT STAGE	0.00	0.00	0.00	1.00	82.52	15.47	1.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	330	2	334
%	0.60	98.80	0.60	100.00
% SAMPLE WEIGHT	0.15	29.20	0.01	29.36

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	364	334	0	698
%	52.15	47.85	0.00	100.00
MEAN WEIGHT	134.31	142.39	0.00	138.18
% SAMP. WT.	50.69	49.31	0.00	100.00

TABLE 13 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY AREA

AREA: 27 - QUATSINO SOUND

SAMPLE NUMBERS: 128

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: FEB 28/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	0	7	12	50	2	9	0	0	20	100
% AT AGE	0.00	0.00	0.00	8.75	15.00	62.50	2.50	11.25	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	0.00	205.86	210.17	210.88	206.50	212.00	0.00	0.00	214.50	211.18
- STD. DEV.	0.00	0.00	0.00	8.84	7.41	6.66	2.12	4.66	0.00	0.00	8.35	7.27
WEIGHT - MEAN(gm)	0.00	0.00	0.00	137.14	138.50	139.39	137.50	139.00	0.00	0.00	144.30	140.03
- STD. DEV.	0.00	0.00	0.00	11.07	16.14	14.72	9.19	12.37	0.00	0.00	14.84	14.29

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	4	63	32	1	0	0
% AT STAGE	0.00	0.00	0.00	4.00	63.00	32.00	1.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	4	59	0	63
%	6.35	93.65	0.00	100.00
% SAMPLE WEIGHT	1.62	28.10	0.00	29.72

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	37	63	0	100
%	37.00	63.00	0.00	100.00
MEAN WEIGHT	135.30	142.81	0.00	140.03
% SAMP. WT.	35.75	64.25	0.00	100.00

TABLE 14 GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 25 - SKINCUTTLE INLET

SAMPLE NUMBERS: 227,210,300,211,195,253,260,313,350,254, 285,303

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 15/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	0	10	21	665	23	19	5	4	434	1181
% AT AGE	0.00	0.00	0.00	1.34	2.81	89.02	3.08	2.54	0.67	0.54	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	0.00	205.50	208.48	213.09	218.96	225.05	229.20	233.25	210.33	212.37
- STD. DEV.	0.00	0.00	0.00	4.99	9.14	8.69	9.57	8.02	11.99	11.53	9.41	9.41
WEIGHT - MEAN(gm)	0.00	0.00	0.00	141.80	147.67	156.85	170.57	176.63	181.60	203.50	154.28	156.46
- STD. DEV.	0.00	0.00	0.00	8.97	15.30	17.70	16.16	19.77	28.61	18.91	18.15	18.49

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	12	942	226	0	0	0
% AT STAGE	0.00	0.00	0.08	1.02	79.76	19.14	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	12	575	0	587
%	2.04	97.96	0.00	100.00
% SAMPLE WEIGHT	0.50	28.60	0.00	29.09

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	594	587	0	1181
%	50.30	49.70	0.00	100.00
MEAN WEIGHT	149.05	163.96	0.00	156.46
% SAMP. WT.	47.91	52.09	0.00	100.00

TABLE 14 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 61 - OTHER AREA 6

SAMPLE NUMBERS: 318

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 21/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	0	5	3	57	1	3	1	1	29	100
% AT AGE	0.00	0.00	0.00	7.04	4.23	80.28	1.41	4.23	1.41	1.41	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	0.00	203.20	204.67	208.82	207.00	217.33	223.00	245.00	210.21	209.56
- STD. DEV.	0.00	0.00	0.00	7.43	7.51	7.87	0.00	10.50	0.00	0.00	8.13	8.88
WEIGHT - MEAN(gm)	0.00	0.00	0.00	126.80	123.00	130.25	125.00	144.00	175.00	190.00	138.03	133.52
- STD. DEV.	0.00	0.00	0.00	12.40	12.17	17.93	0.00	30.51	0.00	0.00	13.15	18.17

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	2	87	11	0	0	0
% AT STAGE	0.00	0.00	0.00	2.00	87.00	11.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	54	0	55
%	1.82	98.18	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	45	55	0	100
%	45.00	55.00	0.00	100.00
MEAN WEIGHT	126.78	139.04	0.00	133.52
% SAMP. WT.	42.73	57.27	0.00	100.00

TABLE 14 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 67 - KITASU BAY

SAMPLE NUMBERS: 212,175,179,412,205,184

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 21/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	0	12	19	332	14	18	4	2	197	598
% AT AGE	0.00	0.00	0.00	2.99	4.74	82.79	3.49	4.49	1.00	0.50	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	0.00	203.58	208.47	210.40	218.00	220.89	223.75	222.50	210.89	210.99
- STD. DEV.	0.00	0.00	0.00	5.42	9.06	7.63	10.55	10.29	3.59	7.78	9.00	8.65
WEIGHT - MEAN(gm)	0.00	0.00	0.00	126.75	137.37	142.97	158.50	157.83	167.00	170.00	141.37	143.00
- STD. DEV.	0.00	0.00	0.00	12.81	15.16	17.13	18.71	17.02	22.02	11.31	18.64	18.19

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	9	527	61	1	0	0
% AT STAGE	0.00	0.00	0.00	1.51	88.13	10.20	0.17	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	8	294	1	303
%	2.64	97.03	0.33	100.00
% SAMPLE WEIGHT	0.65	28.71	0.00	29.36

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	295	303	0	598
%	49.33	50.67	0.00	100.00
MEAN WEIGHT	138.19	147.68	0.00	143.00
% SAMP. WT.	47.67	52.33	0.00	100.00

TABLE 14 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 72 - POWELL ANCHORAGE

SAMPLE NUMBERS: 410,187,365,363,344,178,201,414

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 23/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	4	50	68	450	31	18	2	1	175	799
% AT AGE	0.00	0.00	0.64	8.01	10.90	72.12	4.97	2.88	0.32	0.16	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	191.75	198.18	202.32	208.55	211.55	211.89	215.50	237.00	204.98	206.75
- STD. DEV.	0.00	0.00	6.85	9.69	9.03	9.28	10.58	7.78	16.26	0.00	10.55	10.21
WEIGHT - MEAN(gm)	0.00	0.00	115.50	132.98	136.82	149.42	153.65	155.78	170.50	229.00	146.79	147.03
- STD. DEV.	0.00	0.00	20.92	16.96	14.14	17.24	18.11	14.57	21.92	0.00	17.52	18.18

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	20	697	80	2	0	0
% AT STAGE	0.00	0.00	0.00	2.50	87.23	10.01	0.25	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	390	1	392
%	0.26	99.49	0.26	100.00
% SAMPLE WEIGHT	0.07	30.26	0.01	30.34

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	407	392	0	799
%	50.94	49.06	0.00	100.00
MEAN WEIGHT	141.97	152.29	0.00	147.03
% SAMP. WT.	49.18	50.82	0.00	100.00

TABLE 14 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 74 - THOMPSON BAY

SAMPLE NUMBERS: 192,366,317,322,381,367,193,200,182,207

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 18/83 - MAR 23/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	5	67	147	463	45	34	5	2	232	1000
% AT AGE	0.00	0.00	0.65	8.72	19.14	60.29	5.86	4.43	0.65	0.26	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	196.40	199.39	204.29	209.06	211.93	217.29	217.00	234.00	208.44	208.00
- STD. DEV.	0.00	0.00	7.37	7.76	9.04	8.80	11.04	10.45	7.31	14.14	9.84	9.87
WEIGHT - MEAN(gm)	0.00	0.00	124.40	133.76	140.46	148.98	155.49	165.47	163.00	175.00	146.08	146.89
- STD. DEV.	0.00	0.00	14.79	12.25	16.53	17.06	17.58	21.78	18.87	26.87	16.64	17.92

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	15	869	108	7	0	1
% AT STAGE	0.00	0.00	0.00	1.50	86.90	10.80	0.70	0.00	0.10

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	572	6	578
%	0.00	98.96	1.04	100.00
% SAMPLE WEIGHT	0.00	29.99	0.08	30.07

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	421	578	1	1000
%	42.10	57.80	0.10	100.00
MEAN WEIGHT	141.09	151.14	131.00	146.89
% SAMP. WT.	40.44	59.47	0.09	100.00

TABLE 14 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 142 - BAYNES SOUND

SAMPLE NUMBERS: 269,284,249,275,274,259

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: FEB 27/83 - FEB 28/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	2	113	120	96	38	30	7	1	183	590
% AT AGE	0.00	0.00	0.49	27.76	29.48	23.59	9.34	7.37	1.72	0.25	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	203.00	206.41	213.23	219.05	222.95	228.70	237.00	236.00	212.25	214.27
- STD. DEV.	0.00	0.00	11.31	7.77	7.67	8.70	7.04	9.24	13.20	0.00	9.00	10.49
WEIGHT - MEAN(gm)	0.00	0.00	123.50	134.90	149.24	159.52	172.76	177.47	194.00	217.00	145.98	150.67
- STD. DEV.	0.00	0.00	6.36	12.59	16.17	17.06	18.89	21.02	33.89	0.00	17.58	21.20

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	18	457	112	3	0	0
% AT STAGE	0.00	0.00	0.00	3.05	77.46	18.98	0.51	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	17	264	0	281
%	6.05	93.95	0.00	100.00
% SAMPLE WEIGHT	1.64	27.68	0.00	29.32

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	309	281	0	590
%	52.37	47.63	0.00	100.00
MEAN WEIGHT	146.76	154.96	0.00	150.67
% SAMP. WT.	51.02	48.98	0.00	100.00

TABLE 14 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 253 - NUCHATLITZ INLET

SAMPLE NUMBERS: 136,144,173,158,106,395,119

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: MAR 3/83 - MAR 4/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	2	81	136	256	37	56	2	1	127	698
% AT AGE	0.00	0.00	0.35	14.19	23.82	44.83	6.48	9.81	0.35	0.18	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	195.50	198.96	202.53	207.69	208.84	213.46	208.50	219.00	208.78	206.38
- STD. DEV.	0.00	0.00	2.12	9.34	8.50	10.05	8.45	9.65	24.75	0.00	12.49	10.83
WEIGHT - MEAN(gm)	0.00	0.00	109.00	124.93	133.51	140.60	143.62	151.32	139.50	151.00	139.71	138.18
- STD. DEV.	0.00	0.00	9.90	11.60	12.92	15.38	13.97	20.28	4.95	0.00	16.94	16.56

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	7	576	108	7	0	0
% AT STAGE	0.00	0.00	0.00	1.00	82.52	15.47	1.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	330	2	334
%	0.60	98.80	0.60	100.00
% SAMPLE WEIGHT	0.15	29.20	0.01	29.36

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	364	334	0	698
%	52.15	47.85	0.00	100.00
MEAN WEIGHT	134.31	142.39	0.00	138.18
% SAMP. WT.	50.69	49.31	0.00	100.00

TABLE 14 (CONT.) GILLNET ROE FISHERY SAMPLE SUMMARIES BY SECTION

SECTION: 273 - WINTER HARBOUR

SAMPLE NUMBERS: 128

SOURCE: ROE FISHERY

GEAR: GILLNET

DATE: FEB 28/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	0	7	12	50	2	9	0	0	20	100
% AT AGE	0.00	0.00	0.00	8.75	15.00	62.50	2.50	11.25	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	0.00	205.86	210.17	210.88	206.50	212.00	0.00	0.00	214.50	211.18
- STD. DEV.	0.00	0.00	0.00	8.84	7.41	6.66	2.12	4.66	0.00	0.00	8.35	7.27
WEIGHT - MEAN(gm)	0.00	0.00	0.00	137.14	138.50	139.38	137.50	139.00	0.00	0.00	144.30	140.03
- STD. DEV.	0.00	0.00	0.00	11.07	16.14	14.72	9.19	12.37	0.00	0.00	14.84	14.29

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	4	63	32	1	0	0
% AT STAGE	0.00	0.00	0.00	4.00	63.00	32.00	1.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	4	59	0	63
%	6.35	93.65	0.00	100.00
% SAMPLE WEIGHT	1.62	28.10	0.00	29.72

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	37	63	0	100
%	37.00	63.00	0.00	100.00
MEAN WEIGHT	135.30	142.81	0.00	140.03
% SAMP. WT.	35.75	64.25	0.00	100.00

TABLE 15 SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 2 - PORT LOUIS

SAMPLE NUMBERS: 386,139,132,115,147,264, 97,118

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 1/83 - MAR 4/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	9	6	151	11	521	27	3	2	2	29	761
% AT AGE	0.00	1.23	0.82	20.63	1.50	71.17	3.69	0.41	0.27	0.27	0.00	100.00
LENGTH - MEAN(mm)	0.00	171.22	195.67	210.87	211.55	223.31	229.48	232.00	252.00	264.00	211.93	219.84
- STD. DEV.	0.00	7.40	9.00	8.64	12.08	9.77	12.88	27.51	0.00	5.66	22.08	13.45
WEIGHT - MEAN(gm)	0.00	68.78	108.00	147.09	154.64	179.20	196.00	224.33	178.00	225.00	148.69	170.33
- STD. DEV.	0.00	9.44	21.18	22.84	25.66	26.17	26.31	20.43	9.90	19.80	47.48	32.72

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	187	353	139	80	0	1
% AT STAGE	0.00	0.00	0.13	24.57	46.39	18.27	10.51	0.00	0.13

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	175	229	27	431
%	40.60	53.13	6.26	100.00
% SAMPLE WEIGHT	9.62	15.66	0.24	25.52

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	329	431	1	761
%	43.23	56.64	0.13	100.00
MEAN WEIGHT	159.79	178.30	206.00	170.33
% SAMP. WT.	40.56	59.29	0.16	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 2 - PORT LOUIS

SAMPLE NUMBERS: 123,114

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 6/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	2	2	40	3	123	5	1	1	1	9	187
% AT AGE	0.00	1.12	1.12	22.47	1.69	69.10	2.81	0.56	0.56	0.56	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.00	184.00	200.80	211.67	215.60	228.60	219.00	230.00	224.00	212.11	211.83
- STD. DEV.	0.00	11.31	5.66	10.30	11.55	10.67	10.41	0.00	0.00	0.00	13.27	13.60
WEIGHT - MEAN(gm)	0.00	63.50	100.50	145.95	163.00	173.90	193.60	191.00	179.00	213.00	166.33	166.27
- STD. DEV.	0.00	10.61	2.12	23.20	16.09	28.53	48.04	0.00	0.00	0.00	34.51	32.78

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	50	95	20	21	0	0
% AT STAGE	0.00	0.00	0.53	26.74	50.80	10.70	11.23	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	50	63	11	124
%	40.32	50.81	8.87	100.00
% SAMPLE WEIGHT	7.96	16.74	0.12	24.02

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	62	124	1	187
%	33.16	66.31	0.53	100.00
MEAN WEIGHT	151.53	174.53	56.00	166.27
% SAMP. WT.	30.22	69.60	0.18	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 3 - RENNELL SOUND

SAMPLE NUMBERS: 98

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 1/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	1	47	0	37	4	3	2	0	5	100
% AT AGE	0.00	1.05	1.05	49.47	0.00	38.95	4.21	3.16	2.11	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	188.00	207.00	214.32	0.00	224.92	228.25	237.00	251.00	0.00	222.80	220.30
- STD. DEV.	0.00	0.00	0.00	7.80	0.00	7.55	3.30	5.00	5.66	0.00	11.37	11.09
WEIGHT - MEAN(gm)	0.00	103.00	131.00	157.53	0.00	185.38	188.00	218.67	238.00	0.00	186.40	173.13
- STD. DEV.	0.00	0.00	0.00	20.44	0.00	22.25	24.40	25.50	22.63	0.00	35.30	29.42

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	4	36	60	0	0	0
% AT STAGE	0.00	0.00	0.00	4.00	36.00	60.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	4	60	0	64
%	6.25	93.75	0.00	100.00
% SAMPLE WEIGHT	1.57	23.24	0.00	24.81

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	36	64	0	100
%	36.00	64.00	0.00	100.00
MEAN WEIGHT	160.31	180.34	0.00	173.13
% SAMP. WT.	33.33	66.67	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 3 - RENNELL SOUND

SAMPLE NUMBERS: 185,186

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 15/83 - MAR 16/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	2	3	96	7	61	10	1	1	0	9	190
% AT AGE	0.00	1.10	1.66	53.04	3.87	33.70	5.52	0.55	0.55	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	166.50	184.67	204.36	210.43	222.70	234.10	225.00	235.00	0.00	211.67	211.95
- STD. DEV.	0.00	2.12	4.62	11.02	8.36	10.34	13.40	0.00	0.00	0.00	21.06	15.96
WEIGHT - MEAN(gm)	0.00	79.50	114.00	153.59	165.00	191.30	229.20	227.00	216.00	0.00	168.22	170.10
- STD. DEV.	0.00	7.78	7.21	25.79	26.56	28.04	30.86	0.00	0.00	0.00	46.41	37.12

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	14	165	11	0	0	0
% AT STAGE	0.00	0.00	0.00	7.37	86.84	5.79	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	13	90	0	103
%	12.62	87.38	0.00	100.00
% SAMPLE WEIGHT	2.48	26.83	0.00	29.31

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	87	103	0	190
%	45.79	54.21	0.00	100.00
MEAN WEIGHT	155.67	182.29	0.00	170.10
% SAMP. WT.	41.90	58.10	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 3 - RENNELL SOUND

SAMPLE NUMBERS: 194

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 23/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	0	37	1	41	7	3	1	1	9	100
% AT AGE	0.00	0.00	0.00	40.66	1.10	45.05	7.69	3.30	1.10	1.10	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	0.00	219.51	220.00	223.34	223.86	239.33	205.00	240.00	218.22	221.93
- STD. DEV.	0.00	0.00	0.00	8.88	0.00	10.25	11.20	22.81	0.00	0.00	15.83	11.37
WEIGHT - MEAN(gm)	0.00	0.00	0.00	170.27	183.00	183.00	186.86	215.00	151.00	218.00	173.67	178.71
- STD. DEV.	0.00	0.00	0.00	25.92	0.00	30.68	32.94	63.84	0.00	0.00	36.05	31.34

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	0	100	0	0	0	0
% AT STAGE	0.00	0.00	0.00	0.00	100.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	48	0	48
%	0.00	100.00	0.00	100.00
% SAMPLE WEIGHT	0.00	31.56	0.00	31.56

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	52	48	0	100
%	52.00	48.00	0.00	100.00
MEAN WEIGHT	165.56	192.96	0.00	178.71
% SAMP. WT.	48.17	51.83	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 5 - ENGLEFIELD BAY

SAMPLE NUMBERS: 208,181,213,183

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 9/83 - MAR 12/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	3	292	10	55	6	4	3	4	18	399
% AT AGE	0.00	1.05	0.79	76.64	2.62	14.44	1.57	1.05	0.79	1.05	0.00	100.00
LENGTH - MEAN(mm)	0.00	170.00	191.67	203.43	212.00	216.64	224.50	239.25	232.67	241.00	209.72	206.60
- STD. DEV.	0.00	4.76	5.69	9.36	11.10	9.09	6.83	7.27	3.51	6.06	10.17	12.42
WEIGHT - MEAN(gm)	0.00	77.75	104.67	136.51	154.10	170.35	171.17	191.75	199.33	217.75	150.11	143.76
- STD. DEV.	0.00	13.45	16.92	21.49	17.60	19.65	18.08	21.14	33.95	10.37	26.80	27.45

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	0	0	180	188	30	0	0	0
% AT STAGE	0.25	0.00	0.00	45.11	47.12	7.52	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	158	50	0	208
%	75.96	24.04	0.00	100.00
% SAMPLE WEIGHT	17.63	6.91	0.00	24.54

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	191	208	0	399
%	47.87	52.13	0.00	100.00
MEAN WEIGHT	135.99	150.90	0.00	143.76
% SAMP. WT.	45.28	54.72	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 5 - ENGLEFIELD BAY

SAMPLE NUMBERS: 206,177,191,256,196,176

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 13/83 - MAR 19/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	2	11	425	22	89	6	5	2	3	22	587
% AT AGE	0.00	0.35	1.95	75.22	3.89	15.75	1.06	0.88	0.35	0.53	0.00	100.00
LENGTH - MEAN(mm)	0.00	184.50	193.82	205.30	212.55	214.40	230.17	226.40	226.00	248.33	210.55	207.58
- STD. DEV.	0.00	13.44	11.03	10.62	9.27	9.43	11.03	9.76	21.21	3.06	12.05	11.99
WEIGHT - MEAN(gm)	0.00	94.00	109.18	141.40	163.68	178.12	224.00	190.00	174.00	245.67	153.95	149.41
- STD. DEV.	0.00	21.21	22.42	25.20	23.32	30.79	26.44	28.59	21.21	20.03	30.64	31.93

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	119	397	70	1	0	0
% AT STAGE	0.00	0.00	0.00	20.27	67.63	11.93	0.17	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	112	166	0	278
%	40.29	59.71	0.00	100.00
% SAMPLE WEIGHT	8.99	17.94	0.00	26.93

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	309	278	0	587
%	52.64	47.36	0.00	100.00
MEAN WEIGHT	141.92	157.74	0.00	149.41
% SAMP. WT.	50.00	50.00	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 5 - ENGLEFIELD BAY

SAMPLE NUMBERS: 352,333,180,188,324,316,320,287,368,426, 422,403,374

SOURCE: ROE FISHERY
PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 20/83 - MAR 21/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	19	805	47	184	33	22	13	7	162	1295
% AT AGE	0.00	0.26	1.68	71.05	4.15	16.24	2.91	1.94	1.15	0.62	0.00	100.00
LENGTH - MEAN(mm)	0.00	170.67	193.32	207.65	216.60	222.73	227.36	235.73	241.23	246.71	207.23	211.30
- STD. DEV.	0.00	5.51	8.43	9.23	9.16	9.81	9.89	11.12	9.39	11.40	15.39	13.29
WEIGHT - MEAN(gm)	0.00	73.67	105.42	138.30	154.77	174.13	185.91	199.86	198.46	202.57	143.46	147.21
- STD. DEV.	0.00	4.62	14.50	21.78	23.58	27.41	22.84	23.78	24.12	24.66	31.79	30.04

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	28	975	291	1	0	0
% AT STAGE	0.00	0.00	0.00	2.16	75.29	22.47	0.08	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	26	651	1	678
%	3.83	96.02	0.15	100.00
% SAMPLE WEIGHT	0.76	29.30	0.02	30.07

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	617	678	0	1295
%	47.64	52.36	0.00	100.00
MEAN WEIGHT	137.34	156.19	0.00	147.21
% SAMP. WT.	44.45	55.55	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 6 - LOUSCOONE INLET

SAMPLE NUMBERS: 189

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 13/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	18	5	1	7	43	2	2	1	0	11	90
% AT AGE	0.00	22.78	6.33	1.27	8.86	54.43	2.53	2.53	1.27	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	170.11	178.80	210.00	209.29	216.98	229.50	246.50	246.00	0.00	198.55	203.81
- STD. DEV.	0.00	5.62	11.76	0.00	10.64	8.24	23.33	4.95	0.00	0.00	27.45	23.95
WEIGHT - MEAN(gm)	0.00	67.06	90.80	142.00	140.14	155.58	162.00	204.50	215.00	0.00	123.45	130.89
- STD. DEV.	0.00	7.93	23.75	0.00	30.09	24.59	45.25	24.75	0.00	0.00	59.73	47.55

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	2	88	0	0	0	0
% AT STAGE	0.00	0.00	0.00	2.22	97.78	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	43	0	45
%	4.44	95.56	0.00	100.00
% SAMPLE WEIGHT	0.43	31.22	0.00	31.65

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	45	45	0	90
%	50.00	50.00	0.00	100.00
MEAN WEIGHT	112.87	148.91	0.00	130.89
% SAMP. WT.	43.12	56.88	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 11 - OTHER AREA 1

SAMPLE NUMBERS: 73, 71, 75

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 22/82 - NOV 25/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	2	21	10	105	7	1	8	5	96	255
% AT AGE	0.00	0.00	1.26	13.21	6.29	66.04	4.40	0.63	5.03	3.14	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	192.50	208.90	213.50	224.86	234.29	238.00	247.38	257.60	217.46	221.72
- STD. DEV.	0.00	0.00	9.19	8.48	7.81	8.53	13.67	0.00	14.69	15.19	14.95	14.86
WEIGHT - MEAN(gm)	0.00	0.00	111.00	147.10	157.00	189.24	200.86	198.00	235.13	254.00	167.54	178.78
- STD. DEV.	0.00	0.00	1.41	18.57	16.58	21.70	23.65	0.00	33.72	31.36	31.33	33.37

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	72	177	6	0	0	0	0
% AT STAGE	0.00	0.00	28.24	69.41	2.35	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	139	0	0	139
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	114	139	1	254
%	44.88	54.72	0.39	100.00
MEAN WEIGHT	175.32	181.90	161.00	178.86
% SAMP. WT.	43.99	55.65	0.35	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 11 - OTHER AREA 1

SAMPLE NUMBERS: 74, 69, 65, 68, 76

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 23 DATE: NOV 30/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	6	24	55	20	195	20	10	7	7	91	435
% AT AGE	0.00	1.74	6.98	15.99	5.81	56.69	5.81	2.91	2.03	2.03	0.00	100.00
LENGTH - MEAN(mm)	0.00	153.83	188.54	207.87	213.65	224.33	231.75	245.50	245.71	246.71	217.54	218.92
- STD. DEV.	0.00	3.97	8.71	9.05	7.86	9.37	8.33	15.43	10.34	8.65	14.96	17.35
WEIGHT - MEAN(gm)	0.00	52.50	104.38	142.55	153.90	186.96	208.90	225.20	234.29	228.43	175.20	174.27
- STD. DEV.	0.00	7.82	14.83	20.38	16.73	23.66	20.42	32.37	20.69	17.85	35.31	39.37

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	7	128	271	29	0	0	0	0
% AT STAGE	0.00	1.61	29.43	62.30	6.67	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	203	1	0	204
%	99.51	0.49	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	230	204	1	435
%	52.87	46.90	0.23	100.00
MEAN WEIGHT	170.63	178.34	182.00	174.27
% SAMP. WT.	51.77	47.99	0.24	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 12 - NADEN HARBOUR

SAMPLE NUMBERS: 77

SOURCE: FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 23 DATE: NOV 28/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	32	12	25	2	18	0	0	1	2	7	99
% AT AGE	0.00	34.78	13.04	27.17	2.17	19.57	0.00	0.00	1.09	2.17	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.97	179.75	193.84	206.00	218.28	0.00	0.00	228.00	253.50	179.71	185.78
- STD. DEV.	0.00	7.76	9.85	11.88	16.97	9.71	0.00	0.00	0.00	0.71	27.46	26.84
WEIGHT - MEAN(gm)	0.00	60.38	93.25	118.64	148.00	165.11	0.00	0.00	166.00	229.50	98.14	107.04
- STD. DEV.	0.00	8.97	18.10	25.95	18.38	20.42	0.00	0.00	0.00	4.95	56.11	47.60

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	21	40	36	2	0	0	0	0
% AT STAGE	0.00	21.21	40.40	36.36	2.02	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	55	0	0	55
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	44	55	0	99
%	44.44	55.56	0.00	100.00
MEAN WEIGHT	109.55	105.04	0.00	107.04
% SAMP. WT.	45.48	54.52	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 22 - SKIDEGATE INLET

SAMPLE NUMBERS: 433,431,432

SOURCE: BAIT FISHERY
OTHER

GEAR: HERRING SEINE

WEEK: 45 DATE: MAY 1/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	5	77	37	57	25	16	9	14	8	20	268
% AT AGE	0.00	2.02	31.05	14.92	22.98	10.08	6.45	3.63	5.65	3.23	0.00	100.00
LENGTH - MEAN(mm)	0.00	150.80	185.99	195.32	212.30	218.04	226.25	233.22	241.14	246.75	199.45	204.90
- STD. DEV.	0.00	7.85	10.15	12.32	9.21	12.46	11.02	11.24	7.37	10.94	16.46	22.24
WEIGHT - MEAN(gm)	0.00	48.60	97.18	111.11	147.12	156.52	172.63	196.22	198.36	245.50	129.00	134.27
- STD. DEV.	0.00	9.74	20.57	22.58	28.27	29.88	31.20	23.42	27.24	23.69	40.86	46.64

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	22	154	40	52	0	0
% AT STAGE	0.00	0.00	0.00	8.21	57.46	14.93	19.40	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	14	119	16	149
%	9.40	79.87	10.74	100.00
% SAMPLE WEIGHT	1.69	24.84	0.17	26.70

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	119	149	0	268
%	44.40	55.60	0.00	100.00
MEAN WEIGHT	120.87	144.98	0.00	134.27
% SAMP. WT.	39.97	60.03	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 23 - CUMSHEWA INLET

SAMPLE NUMBERS: 197,214

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 22/83 - MAR 23/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	8	16	8	18	113	12	4	3	1	15	198
% AT AGE	0.00	4.37	8.74	4.37	9.84	61.75	6.56	2.19	1.64	0.55	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.75	178.25	193.75	205.33	208.19	219.50	229.00	248.33	245.00	204.80	204.82
- STD. DEV.	0.00	5.39	11.58	12.59	8.88	9.64	6.67	20.41	4.51	0.00	9.75	16.98
WEIGHT - MEAN(gm)	0.00	77.75	97.25	120.25	141.94	153.67	165.42	186.50	223.33	193.00	146.80	145.74
- STD. DEV.	0.00	13.32	16.01	17.64	16.52	21.61	23.58	30.73	6.11	0.00	21.38	31.73

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	4	191	3	0	0	0
% AT STAGE	0.00	0.00	0.00	2.02	96.46	1.52	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	96	0	98
%	2.04	97.96	0.00	100.00
% SAMPLE WEIGHT	0.42	28.08	0.00	28.51

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	100	98	0	198
%	50.51	49.49	0.00	100.00
MEAN WEIGHT	135.19	156.50	0.00	145.74
% SAMP. WT.	46.85	53.15	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 24 - LASKEEK BAY

SAMPLE NUMBERS: 102,343,362,345,281,295,357,404,390

SOURCE: PRE-FISHERY CHARTER
ROE FISHERY

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 8/83 - MAR 12/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	41	41	24	40	622	31	11	6	2	82	900
% AT AGE	0.00	5.01	5.01	2.93	4.89	76.04	3.79	1.34	0.73	0.24	0.00	100.00
LENGTH - MEAN(mm)	0.00	165.83	182.93	199.92	202.48	209.75	216.61	218.00	236.50	238.50	200.70	205.70
- STD. DEV.	0.00	6.60	8.81	8.31	12.40	9.71	8.71	9.92	11.36	4.95	18.29	15.47
WEIGHT - MEAN(gm)	0.00	67.32	98.51	128.33	140.07	153.87	159.48	168.64	193.67	208.00	133.73	145.03
- STD. DEV.	0.00	7.59	13.64	17.17	21.82	21.45	26.46	16.69	24.54	38.18	33.63	31.26

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	0	0	96	709	94	0	0	0
% AT STAGE	0.11	0.00	0.00	10.67	78.78	10.44	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	50	387	0	437
%	11.44	88.56	0.00	100.00
% SAMPLE WEIGHT	2.29	25.48	0.00	27.77

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	463	437	0	900
%	51.44	48.56	0.00	100.00
MEAN WEIGHT	135.06	155.60	0.00	145.03
% SAMP. WT.	47.91	52.09	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 24 - LASKEEK BAY

SAMPLE NUMBERS: 190

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 23/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	5	5	18	53	3	2	2	2	4	98
% AT AGE	0.00	4.26	5.32	5.32	19.15	56.38	3.19	2.13	2.13	2.13	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.75	183.20	199.20	204.89	209.62	220.00	235.00	219.50	246.00	198.75	206.50
- STD. DEV.	0.00	4.99	8.07	15.09	9.81	8.71	11.27	0.00	2.12	8.49	14.52	15.47
WEIGHT - MEAN(gm)	0.00	71.00	100.80	137.80	135.28	153.00	190.00	186.50	178.00	215.50	128.00	145.54
- STD. DEV.	0.00	7.62	15.37	24.12	21.08	24.51	28.00	26.16	4.24	23.33	27.04	33.22

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	3	93	1	0	0	0
% AT STAGE	0.00	0.00	1.02	3.06	94.90	1.02	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	51	0	53
%	3.77	96.23	0.00	100.00
% SAMPLE WEIGHT	0.73	29.26	0.00	29.99

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	45	53	0	98
%	45.92	54.08	0.00	100.00
MEAN WEIGHT	130.64	158.19	0.00	145.54
% SAMP. WT.	41.22	58.78	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 24 - LASKEEK BAY

SAMPLE NUMBERS: 204

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 40 DATE: MAR 28/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	7	12	9	7	53	3	2	1	0	4	98
% AT AGE	0.00	7.45	12.77	9.57	7.45	56.38	3.19	2.13	1.06	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	163.29	177.75	194.00	202.57	207.66	225.67	221.00	224.00	0.00	187.00	199.36
- STD. DEV.	0.00	12.41	12.69	8.54	7.74	6.15	4.73	9.90	0.00	0.00	14.85	17.39
WEIGHT - MEAN(gm)	0.00	70.86	89.92	122.22	139.29	148.26	185.67	164.00	180.00	0.00	115.75	133.02
- STD. DEV.	0.00	14.84	19.73	18.41	15.53	17.71	7.57	11.31	0.00	0.00	39.31	33.30

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	17	81	0	0	0	0
% AT STAGE	0.00	0.00	0.00	17.35	82.65	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	46	0	48
%	4.17	95.83	0.00	100.00
% SAMPLE WEIGHT	0.99	27.31	0.00	28.30

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	50	48	0	98
%	51.02	48.98	0.00	100.00
MEAN WEIGHT	127.22	139.06	0.00	133.02
% SAMP. WT.	48.80	51.20	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 25 - SKINCUTTLE INLET

SAMPLE NUMBERS: 101,355,232, 95,384,371,405

SOURCE: PRE-FISHERY CHARTER
ROE FISHERY

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 7/83 - MAR 10/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	15	18	20	41	482	23	9	3	0	89	700
% AT AGE	0.00	2.45	2.95	3.27	6.71	78.89	3.76	1.47	0.49	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.53	178.83	194.35	205.41	208.91	215.22	219.67	236.00	0.00	201.84	206.13
- STD. DEV.	0.00	8.61	10.85	10.24	10.01	10.37	13.17	11.42	2.65	0.00	19.39	14.78
WEIGHT - MEAN(gm)	0.00	69.20	99.56	121.10	144.76	156.71	173.70	183.00	218.33	0.00	137.54	150.37
- STD. DEV.	0.00	9.49	18.57	18.52	17.95	21.39	29.11	24.87	32.87	0.00	38.09	30.11

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	58	528	111	3	0	0
% AT STAGE	0.00	0.00	0.00	8.29	75.43	15.86	0.43	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	20	317	1	338
%	5.92	93.79	0.30	100.00
% SAMPLE WEIGHT	1.12	26.26	0.00	27.38

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	362	338	0	700
%	51.71	48.29	0.00	100.00
MEAN WEIGHT	141.14	160.26	0.00	150.37
% SAMP. WT.	48.54	51.46	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 25 - SKINCUTTLE INLET

SAMPLE NUMBERS: 198

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 16/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	6	2	4	68	3	1	2	0	11	100
% AT AGE	0.00	3.37	6.74	2.25	4.49	76.40	3.37	1.12	2.25	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.00	192.33	195.00	208.25	212.35	214.00	228.00	229.50	0.00	210.18	209.59
- STD. DEV.	0.00	2.00	5.43	7.07	5.68	8.57	7.21	0.00	23.33	0.00	6.26	12.57
WEIGHT - MEAN(gm)	0.00	67.33	114.17	110.00	133.75	153.28	152.00	185.00	183.50	0.00	149.45	147.17
- STD. DEV.	0.00	4.04	13.35	1.41	11.90	23.29	8.89	0.00	58.69	0.00	18.70	28.54

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	3	96	1	0	0	0
% AT STAGE	0.00	0.00	0.00	3.00	96.00	1.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	3	43	0	46
%	6.52	93.48	0.00	100.00
% SAMPLE WEIGHT	1.06	27.09	0.00	28.16

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	54	46	0	100
%	54.00	46.00	0.00	100.00
MEAN WEIGHT	133.30	163.46	0.00	147.17
% SAMP. WT.	48.91	51.09	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 25 - SKINCUTTLE INLET

SAMPLE NUMBERS: 411

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 23/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	0	3	4	44	1	1	0	0	47	100
% AT AGE	0.00	0.00	0.00	5.66	7.55	83.02	1.89	1.89	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	0.00	200.00	204.50	212.57	220.00	219.00	0.00	0.00	208.40	210.05
- STD. DEV.	0.00	0.00	0.00	2.65	6.14	7.63	0.00	0.00	0.00	0.00	6.63	7.56
WEIGHT - MEAN(gm)	0.00	0.00	0.00	123.33	143.00	152.30	182.00	165.00	0.00	0.00	143.26	147.23
- STD. DEV.	0.00	0.00	0.00	1.53	15.71	17.49	0.00	0.00	0.00	0.00	14.58	17.07

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	1	65	34	0	0	0
% AT STAGE	0.00	0.00	0.00	1.00	65.00	34.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	56	0	56
%	0.00	100.00	0.00	100.00
% SAMPLE WEIGHT	0.00	33.17	0.00	33.17

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	44	56	0	100
%	44.00	56.00	0.00	100.00
MEAN WEIGHT	140.59	152.45	0.00	147.23
% SAMP. WT.	42.02	57.98	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 25 - SKINCUTTLE INLET

SAMPLE NUMBERS: 430,429

SOURCE: OTHER

GEAR: HERRING SEINE

WEEK: 45 DATE: MAY 4/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	116	19	4	5	35	3	1	0	0	15	198
% AT AGE	0.00	63.39	10.38	2.19	2.73	19.13	1.64	0.55	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	166.28	178.05	192.75	208.40	208.66	209.33	227.00	0.00	0.00	170.00	177.74
- STD. DEV.	0.00	7.14	8.87	4.50	9.86	6.27	3.51	0.00	0.00	0.00	7.78	18.93
WEIGHT - MEAN(gm)	0.00	69.58	90.79	99.50	132.80	127.83	137.33	138.00	0.00	0.00	73.87	85.81
- STD. DEV.	0.00	10.14	17.99	20.09	32.90	24.35	20.65	0.00	0.00	0.00	10.99	28.79

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	14	93	59	32	0	0
% AT STAGE	0.00	0.00	0.00	7.07	46.97	29.80	16.16	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	61	15	76
%	0.00	80.26	19.74	100.00
% SAMPLE WEIGHT	0.00	21.04	0.73	21.77

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	122	76	0	198
%	61.62	38.38	0.00	100.00
MEAN WEIGHT	77.36	99.37	0.00	85.81
% SAMP. WT.	55.55	44.45	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 32 - PORTLAND INLET

SAMPLE NUMBERS: 421,338,331,369,353

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 10/83 - MAR 12/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	53	105	96	19	161	16	1	3	1	45	500
% AT AGE	0.00	11.65	23.08	21.10	4.18	35.38	3.52	0.22	0.66	0.22	0.00	100.00
LENGTH - MEAN(mm)	0.00	140.60	164.44	184.61	190.32	198.19	204.81	240.00	239.67	234.00	174.36	180.56
- STD. DEV.	0.00	7.69	13.86	15.67	18.72	17.56	13.72	0.00	4.51	0.00	32.36	26.27
WEIGHT - MEAN(gm)	0.00	35.60	65.64	92.51	100.68	116.07	132.31	196.00	198.00	185.00	81.44	90.04
- STD. DEV.	0.00	6.30	15.92	23.24	25.76	25.74	25.38	0.00	3.61	0.00	45.63	37.92

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	33	10	39	248	143	12	1	0	14
% AT STAGE	6.60	2.00	7.80	49.60	28.60	2.40	0.20	0.00	2.80

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	227	20	0	247
%	91.90	8.10	0.00	100.00
% SAMPLE WEIGHT	16.95	2.13	0.00	19.07

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	239	247	14	500
%	47.80	49.40	2.80	100.00
MEAN WEIGHT	90.75	92.53	33.86	90.04
% SAMP. WT.	48.18	50.77	1.05	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 32 - PORTLAND INLET

SAMPLE NUMBERS: 370,310,346,311,418,424

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 13/83 - MAR 18/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	328	64	50	12	100	3	3	1	0	36	597
% AT AGE	0.00	58.47	11.41	8.91	2.14	17.83	0.53	0.53	0.18	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	136.30	163.86	184.76	195.50	201.34	223.67	218.33	215.00	0.00	154.61	157.48
- STD. DEV.	0.00	7.29	15.95	13.78	10.73	10.49	14.01	20.60	0.00	0.00	27.75	29.18
WEIGHT - MEAN(gm)	0.00	31.35	64.59	101.94	116.25	134.13	165.33	170.67	199.00	0.00	56.44	62.92
- STD. DEV.	0.00	5.15	22.05	21.62	19.13	21.40	25.32	36.00	0.00	0.00	43.10	45.08

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	233	17	25	101	140	12	0	0	69
% AT STAGE	39.03	2.85	4.19	16.92	23.45	2.01	0.00	0.00	11.56

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	242	33	0	275
%	88.00	12.00	0.00	100.00
% SAMPLE WEIGHT	10.84	6.85	0.00	17.68

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	253	275	69	597
%	42.38	46.06	11.56	100.00
MEAN WEIGHT	68.62	66.00	29.70	62.92
% SAMP. WT.	46.22	48.32	5.46	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 33 - PORT SIMPSON

SAMPLE NUMBERS: 328

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 9/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	18	27	4	35	5	0	1	0	10	100
% AT AGE	0.00	0.00	20.00	30.00	4.44	38.89	5.56	0.00	1.11	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	169.83	179.63	193.75	190.00	204.00	0.00	240.00	0.00	194.10	185.33
- STD. DEV.	0.00	0.00	11.88	7.90	5.38	8.76	9.33	0.00	0.00	0.00	10.75	14.16
WEIGHT - MEAN(gm)	0.00	0.00	83.78	104.85	133.25	129.46	158.60	0.00	217.00	0.00	127.90	116.92
- STD. DEV.	0.00	0.00	13.11	14.15	11.87	17.49	24.46	0.00	0.00	0.00	23.07	27.77

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	26	73	1	0	0	0
% AT STAGE	0.00	0.00	0.00	26.00	73.00	1.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	26	16	0	42
%	61.90	38.10	0.00	100.00
% SAMPLE WEIGHT	14.16	11.63	0.00	25.79

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	58	42	0	100
%	58.00	42.00	0.00	100.00
MEAN WEIGHT	113.53	121.60	0.00	116.92
% SAMP. WT.	56.32	43.68	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 33 - PORT SIMPSON

SAMPLE NUMBERS: 327,359,337,315,323,319,387,427

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 14/83 - MAR 19/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	2	128	164	35	369	29	14	8	2	48	799
% AT AGE	0.00	0.27	17.04	21.84	4.66	49.13	3.86	1.86	1.07	0.27	0.00	100.
LENGTH - MEAN(cm)	[illegible]											
WEIGH - STD. DEV.	0.00	20.51	12.33	14.67	19.24	20.33	23.44	23.13	27.21	5.66	26.63	30.18

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	234	502	58	1	0	3
% AT STAGE	0.00	0.00	0.13	29.29	62.83	7.26	0.13	0.00	0.38

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	209	169	1	379
%	55.15	44.59	0.26	100.00
% SAMPLE WEIGHT	12.28	11.18	0.01	23.47

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	417	379	3	799
%	52.19	47.43	0.38	100.00
MEAN WEIGHT	115.80	128.96	54.00	121.81
% SAMP. WT.	49.62	50.22	0.17	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 33 - PORT SIMPSON

SAMPLE NUMBERS: 382,314

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 21/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	23	36	6	109	4	4	5	1	11	199
% AT AGE	0.00	0.00	12.23	19.15	3.19	57.98	2.13	2.13	2.66	0.53	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	178.78	196.72	200.83	209.24	221.00	221.75	232.00	240.00	205.73	204.22
- STD. DEV.	0.00	0.00	6.53	6.91	6.05	11.16	9.70	6.40	9.70	0.00	12.58	15.22
WEIGHT - MEAN(gm)	0.00	0.00	82.70	112.22	121.50	142.08	166.00	179.25	189.20	192.00	132.82	131.35
- STD. DEV.	0.00	0.00	9.76	15.00	17.39	24.23	20.74	11.41	20.07	0.00	29.91	31.97

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	21	160	18	0	0	0
% AT STAGE	0.00	0.00	0.00	10.55	80.40	9.05	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	18	75	0	93
%	19.35	80.65	0.00	100.00
% SAMPLE WEIGHT	4.82	23.54	0.00	28.36

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	106	93	0	199
%	53.27	46.73	0.00	100.00
MEAN WEIGHT	124.13	139.57	0.00	131.35
% SAMP. WT.	50.34	49.66	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 33 - PORT SIMPSON

SAMPLE NUMBERS: 408,307,409,341

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 40 DATE: MAR 27/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	10	196	59	8	88	5	1	1	1	30	399
% AT AGE	0.00	2.71	53.12	15.99	2.17	23.85	1.36	0.27	0.27	0.27	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.60	173.22	189.36	194.00	203.38	219.20	244.00	222.00	252.00	182.17	184.08
- STD. DEV.	0.00	10.74	8.39	9.63	7.29	10.04	8.32	0.00	0.00	0.00	19.21	17.40
WEIGHT - MEAN(gm)	0.00	56.00	74.30	100.73	104.50	132.34	163.00	157.00	181.00	204.00	92.77	94.45
- STD. DEV.	0.00	11.11	12.99	16.43	17.70	23.38	26.82	0.00	0.00	0.00	36.64	32.18

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	3	3	45	136	188	15	6	0	3
% AT STAGE	0.75	0.75	11.28	34.09	47.12	3.76	1.50	0.00	0.75

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	108	103	3	214
%	50.47	48.13	1.40	100.00
% SAMPLE WEIGHT	8.47	14.09	0.04	22.61

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	182	214	3	399
%	45.61	53.63	0.75	100.00
MEAN WEIGHT	89.86	99.00	48.67	94.45
% SAMP. WT.	43.39	56.22	0.39	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 33 - PORT SIMPSON

SAMPLE NUMBERS: 379,372,360

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 42 DATE: APR 14/83 - APR 16/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	11	90	40	8	87	4	5	1	0	54	300
% AT AGE	0.00	4.47	36.59	16.26	3.25	35.37	1.63	2.03	0.41	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	150.45	167.02	186.57	200.00	204.66	225.50	224.00	230.00	0.00	176.87	184.53
- STD. DEV.	0.00	12.10	10.71	12.18	10.73	10.83	7.90	12.47	0.00	0.00	25.76	23.26
WEIGHT - MEAN(gm)	0.00	51.18	71.79	97.75	125.25	133.64	198.50	176.80	151.00	0.00	87.57	100.40
- STD. DEV.	0.00	12.87	17.08	23.37	19.32	21.95	24.80	26.45	0.00	0.00	39.66	39.30

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	0	5	91	164	25	0	0	13
% AT STAGE	0.67	0.00	1.67	30.33	54.67	8.33	0.00	0.00	4.33

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	34	98	0	132
%	25.76	74.24	0.00	100.00
% SAMPLE WEIGHT	2.95	23.25	0.00	26.21

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	155	132	13	300
%	51.67	44.00	4.33	100.00
MEAN WEIGHT	94.68	112.86	42.23	100.40
% SAMP. WT.	48.72	49.46	1.82	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 42 - BIG BAY

SAMPLE NUMBERS: 325

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 22/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	12	14	7	60	3	1	0	0	2	100
% AT AGE	0.00	1.02	12.24	14.29	7.14	61.22	3.06	1.02	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	173.00	176.33	197.36	208.86	209.17	209.67	232.00	0.00	0.00	208.00	203.41
- STD. DEV.	0.00	0.00	8.97	7.91	11.50	9.45	5.77	0.00	0.00	0.00	49.50	15.47
WEIGHT - MEAN(gm)	0.00	81.00	80.08	112.07	136.71	144.83	138.67	190.00	0.00	0.00	146.50	131.57
- STD. DEV.	0.00	0.00	14.61	14.84	26.09	19.81	7.51	0.00	0.00	0.00	98.29	31.25

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	8	86	6	0	0	0
% AT STAGE	0.00	0.00	0.00	8.00	86.00	6.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	7	45	0	52
%	13.46	86.54	0.00	100.00
% SAMPLE WEIGHT	3.24	25.06	0.00	28.30

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	48	52	0	100
%	48.00	52.00	0.00	100.00
MEAN WEIGHT	122.23	140.19	0.00	131.57
% SAMP. WT.	44.59	55.41	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 44 - EDYE PASSAGE

SAMPLE NUMBERS: 340,306

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 40 DATE: APR 2/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	7	14	25	86	37	8	2	1	20	200
% AT AGE	0.00	0.00	3.89	7.78	13.89	47.78	20.56	4.44	1.11	0.56	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	173.00	190.21	202.36	207.90	219.30	227.88	224.50	232.00	208.70	208.02
- STD. DEV.	0.00	0.00	7.28	9.92	10.54	10.28	13.36	9.57	10.61	0.00	14.30	15.39
WEIGHT - MEAN(gm)	0.00	0.00	76.00	98.71	121.80	137.57	155.00	168.88	164.00	181.00	130.15	134.94
- STD. DEV.	0.00	0.00	9.47	13.13	18.95	21.52	24.36	26.55	4.24	0.00	27.88	29.04

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	2	70	97	31	0	0	0	0
% AT STAGE	0.00	1.00	35.00	48.50	15.50	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	124	1	0	125
%	99.20	0.80	0.00	100.00
% SAMPLE WEIGHT	12.26	0.33	0.00	12.58

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	75	125	0	200
%	37.50	62.50	0.00	100.00
MEAN WEIGHT	138.69	132.69	0.00	134.94
% SAMP. WT.	38.54	61.46	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 44 - EDYE PASSAGE

SAMPLE NUMBERS: 351,348

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 41 DATE: APR 3/83 - APR 4/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	14	25	11	86	33	4	2	1	23	199
% AT AGE	0.00	0.00	7.95	14.20	6.25	48.86	18.75	2.27	1.14	0.57	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	174.21	186.12	201.55	201.99	209.30	222.50	213.50	228.00	195.22	199.11
- STD. DEV.	0.00	0.00	9.33	13.97	9.20	12.05	11.75	13.20	27.58	0.00	18.55	16.39
WEIGHT - MEAN(gm)	0.00	0.00	80.21	105.48	128.73	131.10	150.00	167.50	176.00	222.00	121.17	127.80
- STD. DEV.	0.00	0.00	8.87	16.18	22.20	20.61	21.52	17.75	33.94	0.00	32.72	29.39

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	17	92	59	0	30	0	1
% AT STAGE	0.00	0.00	8.54	46.23	29.65	0.00	15.08	0.00	0.50

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	74	2	18	94
%	78.72	2.13	19.15	100.00
% SAMPLE WEIGHT	10.19	0.52	0.25	10.96

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	104	94	1	199
%	52.26	47.24	0.50	100.00
MEAN WEIGHT	132.53	122.38	145.00	127.80
% SAMP. WT.	54.20	45.23	0.57	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 52 - KITKATLA CHANNEL

SAMPLE NUMBERS: 375,419,332

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 17/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	87	57	27	94	4	2	0	0	25	300
% AT AGE	0.00	1.45	31.64	20.73	9.82	34.18	1.45	0.73	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	151.75	174.18	181.23	194.33	199.57	209.75	226.00	0.00	0.00	186.68	186.85
- STD. DEV.	0.00	9.60	9.27	11.20	13.53	9.97	11.67	15.56	0.00	0.00	17.72	16.30
WEIGHT - MEAN(gm)	0.00	51.75	78.39	91.40	112.52	125.76	142.50	182.00	0.00	0.00	103.44	102.05
- STD. DEV.	0.00	7.93	12.99	19.01	17.84	19.02	18.45	14.14	0.00	0.00	28.31	28.20

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	8	49	132	64	10	35	0	0
% AT STAGE	0.67	2.67	16.33	44.00	21.33	3.33	11.67	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	128	19	12	159
%	80.50	11.95	7.55	100.00
% SAMPLE WEIGHT	13.50	3.08	0.14	16.73

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	141	159	0	300
%	47.00	53.00	0.00	100.00
MEAN WEIGHT	97.10	106.45	0.00	102.05
% SAMP. WT.	44.72	55.28	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 52 - KITKATLA CHANNEL

SAMPLE NUMBERS: 339,309,356,312,407,326,321

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 24/83 - MAR 25/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	6	116	77	21	424	13	3	1	2	37	700
% AT AGE	0.00	0.90	17.50	11.61	3.17	63.95	1.96	0.45	0.15	0.30	0.00	100.00
LENGTH - MEAN(mm)	0.00	163.83	179.53	192.21	203.19	206.14	217.38	222.33	220.00	239.00	196.49	199.63
- STD. DEV.	0.00	4.07	7.74	8.51	5.73	8.19	9.01	8.74	0.00	21.21	15.24	14.06
WEIGHT - MEAN(gm)	0.00	67.50	85.41	107.32	126.81	137.00	164.46	172.00	172.00	196.00	119.24	124.22
- STD. DEV.	0.00	7.20	11.81	14.40	13.40	18.96	22.49	16.46	0.00	84.85	31.66	28.41

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	62	589	47	1	0	0
% AT STAGE	0.00	0.00	0.14	8.86	84.14	6.71	0.14	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	38	282	0	320
%	11.88	88.13	0.00	100.00
% SAMPLE WEIGHT	2.85	26.19	0.00	29.04

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	380	320	0	700
%	54.29	45.71	0.00	100.00
MEAN WEIGHT	117.18	132.59	0.00	124.22
% SAMP. WT.	51.21	48.79	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 52 - KITKATLA CHANNEL

SAMPLE NUMBERS: 329,336,364,373,347,376

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 40 DATE: MAR 28/83 - MAR 29/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	8	87	64	36	347	6	3	2	1	41	595
% AT AGE	0.00	1.44	15.70	11.55	6.50	62.64	1.08	0.54	0.36	0.18	0.00	100.00
LENGTH - MEAN(mm)	0.00	155.88	176.22	191.63	202.94	202.27	215.00	204.00	235.50	250.00	202.39	197.07
- STD. DEV.	0.00	6.77	11.25	11.51	11.74	11.50	18.70	20.22	0.71	0.00	19.45	16.46
WEIGHT - MEAN(gm)	0.00	59.25	89.71	112.23	132.72	139.46	151.17	142.00	211.50	235.00	133.32	127.88
- STD. DEV.	0.00	11.22	16.92	19.54	17.93	22.27	33.71	34.60	79.90	0.00	32.48	30.35

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	49	502	42	2	0	0
% AT STAGE	0.00	0.00	0.00	8.24	84.37	7.06	0.34	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	8	283	1	292
%	2.74	96.92	0.34	100.00
% SAMPLE WEIGHT	0.60	28.48	0.01	29.09

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	303	292	0	595
%	50.92	49.08	0.00	100.00
MEAN WEIGHT	119.68	136.39	0.00	127.88
% SAMP. WT.	47.66	52.34	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 53 - ANGER ISLAND

SAMPLE NUMBERS: 354,330,417,308

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 42 DATE: APR 13/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	40	85	21	169	8	3	0	0	69	399
% AT AGE	0.00	1.21	12.12	25.76	6.36	51.21	2.42	0.91	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	167.25	179.48	192.38	196.81	204.56	212.25	226.33	0.00	0.00	196.23	197.54
- STD. DEV.	0.00	8.30	10.04	8.61	10.35	8.72	9.66	8.02	0.00	0.00	15.88	13.72
WEIGHT - MEAN(gm)	0.00	65.50	87.35	108.71	120.14	134.86	144.63	169.33	0.00	0.00	121.88	121.27
- STD. DEV.	0.00	13.08	15.63	16.92	19.32	23.01	20.26	14.57	0.00	0.00	32.90	28.44

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	3	361	35	0	0	0
% AT STAGE	0.00	0.00	0.00	0.75	90.48	8.77	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	203	0	205
%	0.98	99.02	0.00	100.00
% SAMPLE WEIGHT	0.20	27.94	0.00	28.14

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	194	205	0	399
%	48.62	51.38	0.00	100.00
MEAN WEIGHT	114.22	127.94	0.00	121.27
% SAMP. WT.	45.80	54.20	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 67 - KITASU BAY

SAMPLE NUMBERS: 72, 70

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 3/83 - MAR 4/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	12	31	17	69	3	7	2	0	9	150
% AT AGE	0.00	0.00	8.51	21.99	12.06	48.94	2.13	4.96	1.42	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	177.42	187.94	191.47	203.64	204.33	216.00	225.00	0.00	204.33	197.83
- STD. DEV.	0.00	0.00	11.16	12.27	9.77	12.55	10.69	10.05	14.14	0.00	19.03	15.84
WEIGHT - MEAN(gm)	0.00	0.00	85.92	100.45	118.88	132.07	144.00	157.86	202.50	0.00	137.11	123.03
- STD. DEV.	0.00	0.00	13.26	17.02	18.85	19.03	27.87	17.46	36.06	0.00	27.62	27.69

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	6	103	36	5	0	0	0
% AT STAGE	0.00	0.00	4.00	68.67	24.00	3.33	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	80	10	0	90
%	88.89	11.11	0.00	100.00
% SAMPLE WEIGHT	16.90	3.33	0.00	20.23

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	60	90	0	150
%	40.00	60.00	0.00	100.00
MEAN WEIGHT	118.18	126.27	0.00	123.03
% SAMP. WT.	38.42	61.58	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 67 - KITASU BAY

SAMPLE NUMBERS: 82, 85, 83

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 8/83 - MAR 10/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	6	35	38	186	14	6	5	0	10	300
% AT AGE	0.00	0.00	2.07	12.07	13.10	64.14	4.83	2.07	1.72	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	181.17	196.43	204.29	208.98	212.93	222.17	233.80	0.00	199.30	206.90
- STD. DEV.	0.00	0.00	5.27	7.61	8.82	8.64	10.97	17.63	17.88	0.00	14.19	11.56
WEIGHT - MEAN(gm)	0.00	0.00	86.33	109.46	124.66	135.40	145.21	163.67	176.60	0.00	111.70	130.95
- STD. DEV.	0.00	0.00	6.38	13.87	17.03	19.86	24.99	36.89	48.34	0.00	23.28	24.28

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	6	105	128	61	0	0	0
% AT STAGE	0.00	0.00	2.00	35.00	42.67	20.33	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	74	78	0	152
%	48.68	51.32	0.00	100.00
% SAMPLE WEIGHT	10.11	15.09	0.00	25.20

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	148	152	0	300
%	49.33	50.67	0.00	100.00
MEAN WEIGHT	124.82	136.93	0.00	130.95
% SAMP. WT.	47.02	52.98	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 67 - KITASU BAY

SAMPLE NUMBERS: 290,276,111,110

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 13/83 - MAR 17/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	6	45	31	272	16	7	3	2	13	398
% AT AGE	0.00	0.78	1.56	11.69	8.05	70.65	4.16	1.82	0.78	0.52	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.33	187.17	194.87	201.87	205.69	213.25	222.14	232.33	230.50	210.62	204.62
- STD. DEV.	0.00	13.05	7.08	7.41	9.22	9.43	12.48	11.61	7.51	2.12	12.51	11.78
WEIGHT - MEAN(gm)	0.00	62.00	111.50	115.76	129.10	138.17	156.25	166.86	189.00	187.00	150.62	136.22
- STD. DEV.	0.00	16.46	9.12	13.99	19.19	21.24	23.67	20.46	19.05	38.18	25.68	24.31

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	21	242	133	2	0	0
% AT STAGE	0.00	0.00	0.00	5.28	60.80	33.42	0.50	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	21	177	0	198
%	10.61	89.39	0.00	100.00
% SAMPLE WEIGHT	2.37	24.32	0.00	26.70

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	200	198	0	398
%	50.25	49.75	0.00	100.00
MEAN WEIGHT	128.71	143.80	0.00	136.22
% SAMP. WT.	47.48	52.52	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 67 - KITASU BAY

SAMPLE NUMBERS: 428,420

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 42 DATE: APR 12/83 - APR 13/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	32	28	9	59	12	8	0	0	48	199
% AT AGE	0.00	1.99	21.19	18.54	5.96	39.07	7.95	5.30	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.33	178.91	179.57	190.00	194.44	195.42	202.50	0.00	0.00	183.58	186.85
- STD. DEV.	0.00	13.32	8.16	9.78	12.21	11.44	11.02	15.46	0.00	0.00	12.37	13.66
WEIGHT - MEAN(gm)	0.00	60.33	91.16	99.43	113.33	126.07	140.08	142.63	0.00	0.00	100.94	110.59
- STD. DEV.	0.00	3.06	14.21	15.72	19.22	27.18	17.23	28.21	0.00	0.00	24.32	28.06

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	11	174	11	2	0	1
% AT STAGE	0.00	0.00	0.00	5.53	87.44	5.53	1.01	0.00	0.50

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	8	112	0	120
%	6.67	93.33	0.00	100.00
% SAMPLE WEIGHT	1.38	26.95	0.00	28.33

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	78	120	1	199
%	39.20	60.30	0.50	100.00
MEAN WEIGHT	101.49	116.53	108.00	110.59
% SAMP. WT.	35.97	63.54	0.49	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 71 - OTHER AREA 7

SAMPLE NUMBERS: 258,277

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 20/83 - MAR 22/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	18	86	13	45	5	1	2	0	28	198
% AT AGE	0.00	0.00	10.59	50.59	7.65	26.47	2.94	0.59	1.18	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	173.22	179.66	191.15	195.76	188.20	213.00	207.50	0.00	183.04	184.63
- STD. DEV.	0.00	0.00	11.09	13.92	16.28	13.96	14.18	0.00	10.61	0.00	20.14	16.67
WEIGHT - MEAN(gm)	0.00	0.00	71.50	81.13	97.46	113.27	93.60	153.00	130.00	0.00	84.36	90.26
- STD. DEV.	0.00	0.00	16.76	25.52	35.33	30.74	37.60	0.00	43.84	0.00	32.31	31.75

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	11	103	14	44	0	26
% AT STAGE	0.00	0.00	0.00	5.56	52.02	7.07	22.22	0.00	13.13

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	11	61	22	94
%	11.70	64.89	23.40	100.00
% SAMPLE WEIGHT	1.10	21.09	0.47	22.65

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	78	94	26	198
%	39.39	47.47	13.13	100.00
MEAN WEIGHT	87.94	100.35	60.73	90.26
% SAMP. WT.	38.38	52.78	8.84	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 72 - POWELL ANCHORAGE

SAMPLE NUMBERS: 63

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 2/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	7	18	12	40	2	1	0	0	5	86
% AT AGE	0.00	1.23	8.64	22.22	14.81	49.38	2.47	1.23	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	173.00	181.43	197.94	210.33	211.10	210.00	223.00	0.00	0.00	203.80	205.07
- STD. DEV.	0.00	0.00	9.57	7.85	6.24	11.88	1.41	0.00	0.00	0.00	19.42	14.17
WEIGHT - MEAN(gm)	0.00	87.00	83.29	113.78	140.08	144.40	153.50	152.00	0.00	0.00	132.60	131.36
- STD. DEV.	0.00	0.00	13.92	17.39	18.91	23.36	4.95	0.00	0.00	0.00	36.10	28.62

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	79	7	0	0	0	0
% AT STAGE	0.00	0.00	0.00	91.86	8.14	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	42	0	0	42
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	25.50	0.00	0.00	25.50

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	44	42	0	86
%	51.16	48.84	0.00	100.00
MEAN WEIGHT	121.55	141.64	0.00	131.36
% SAMP. WT.	47.34	52.66	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 72 - POWELL ANCHORAGE

SAMPLE NUMBERS: 169

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 10/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	11	17	15	40	6	2	0	0	9	100
% AT AGE	0.00	0.00	12.09	18.68	16.48	43.96	6.59	2.20	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	180.64	187.35	198.40	209.95	212.33	212.00	0.00	0.00	198.11	200.27
- STD. DEV.	0.00	0.00	8.63	7.46	13.20	10.77	9.58	7.07	0.00	0.00	9.40	14.87
WEIGHT - MEAN(gm)	0.00	0.00	85.82	102.71	123.80	144.75	151.00	140.50	0.00	0.00	118.00	125.86
- STD. DEV.	0.00	0.00	13.42	11.95	20.64	22.18	21.68	24.75	0.00	0.00	26.05	29.04

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	54	38	8	0	0	0
% AT STAGE	0.00	0.00	0.00	54.00	38.00	8.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	52	13	0	65
%	80.00	20.00	0.00	100.00
% SAMPLE WEIGHT	20.58	6.36	0.00	26.94

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	35	65	0	100
%	35.00	65.00	0.00	100.00
MEAN WEIGHT	120.66	128.66	0.00	125.86
% SAMP. WT.	33.55	66.45	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 72 - POWELL ANCHORAGE

SAMPLE NUMBERS: 246,257

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 19/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	10	32	18	113	9	10	1	0	7	200
% AT AGE	0.00	0.00	5.18	16.58	9.33	58.55	4.66	5.18	0.52	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	184.70	198.53	206.00	211.58	214.56	221.50	254.00	0.00	213.00	208.54
- STD. DEV.	0.00	0.00	9.23	8.44	4.85	8.52	8.53	7.69	0.00	0.00	6.43	11.68
WEIGHT - MEAN(gm)	0.00	0.00	91.90	126.00	136.22	149.01	152.78	176.90	289.00	0.00	157.14	143.87
- STD. DEV.	0.00	0.00	17.55	17.99	15.98	20.15	21.75	21.30	0.00	0.00	13.85	27.16

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	10	179	11	0	0	0
% AT STAGE	0.00	0.00	0.00	5.00	89.50	5.50	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	3	103	0	106
%	2.83	97.17	0.00	100.00
% SAMPLE WEIGHT	0.37	29.19	0.00	29.56

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	94	106	0	200
%	47.00	53.00	0.00	100.00
MEAN WEIGHT	133.86	152.75	0.00	143.87
% SAMP. WT.	43.73	56.27	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 74 - THOMPSON BAY

SAMPLE NUMBERS: 65, 67,267, 87, 64, 68, 62, 66

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 1/83 - MAR 5/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	8	70	77	77	364	48	25	5	1	36	711
% AT AGE	0.00	1.19	10.37	11.41	11.41	53.93	7.11	3.70	0.74	0.15	0.00	100.00
LENGTH - MEAN(mm)	0.00	158.50	177.86	194.94	202.91	210.92	210.79	218.00	226.80	260.00	198.53	204.27
- STD. DEV.	0.00	9.89	12.81	10.60	9.08	9.15	8.66	9.58	4.87	0.00	19.62	15.87
WEIGHT - MEAN(gm)	0.00	58.00	86.77	115.12	129.00	144.64	147.56	161.28	177.60	246.00	126.92	133.33
- STD. DEV.	0.00	10.98	18.38	17.29	16.04	17.28	18.47	16.61	14.48	0.00	32.15	28.04

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	0	3	424	258	25	0	0	0
% AT STAGE	0.14	0.00	0.42	59.63	36.29	3.52	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	324	66	0	390
%	83.08	16.92	0.00	100.00
% SAMPLE WEIGHT	19.31	5.79	0.00	25.10

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	320	390	1	711
%	45.01	54.85	0.14	100.00
MEAN WEIGHT	126.07	139.54	38.00	133.33
% SAMP. WT.	42.55	57.41	0.04	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 74 - THOMPSON BAY

SAMPLE NUMBERS: 141, 93, 86,137,162,112,234,239,298,142, 140,129

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 6/83 - MAR 12/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	5	73	144	122	676	62	31	6	2	67	1188
% AT AGE	0.00	0.45	6.51	12.85	10.88	60.30	5.53	2.77	0.54	0.18	0.00	100.00
LENGTH - MEAN(mm)	0.00	168.60	184.96	195.47	203.71	209.86	213.29	216.06	222.33	235.00	204.40	205.92
- STD. DEV.	0.00	8.62	8.48	8.91	8.64	8.88	10.63	10.17	8.78	26.87	12.76	12.20
WEIGHT - MEAN(gm)	0.00	66.80	93.19	112.99	128.43	141.98	149.42	147.68	160.83	168.50	130.97	133.82
- STD. DEV.	0.00	9.50	14.96	17.39	17.69	18.17	19.71	23.80	25.48	37.48	26.55	24.19

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	5	487	558	137	0	0	1
% AT STAGE	0.00	0.00	0.42	40.99	46.97	11.53	0.00	0.00	0.08

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	424	196	0	620
%	68.39	31.61	0.00	100.00
% SAMPLE WEIGHT	17.08	9.49	0.00	26.57

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	566	620	2	1188
%	47.64	52.19	0.17	100.00
MEAN WEIGHT	126.58	140.31	167.00	133.82
% SAMP. WT.	45.07	54.72	0.21	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 74 - THOMPSON BAY

SAMPLE NUMBERS: 342,334,113,135,423,385,413,415,283,349,
302,288,273,400,223,203,230,130,425,286,
156,160

SOURCE: ROE FISHERY
PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 13/83 - MAR 18/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	9	125	291	225	1170	93	63	13	9	192	2190
% AT AGE	0.00	0.45	6.26	14.56	11.26	58.56	4.65	3.15	0.65	0.45	0.00	100.00
LENGTH - MEAN(mm)	0.00	156.00	181.90	194.12	201.24	206.93	208.44	215.97	221.54	227.00	201.80	203.05
- STD. DEV.	0.00	11.82	9.97	9.69	10.79	10.23	11.74	12.93	16.89	10.65	13.40	13.37
WEIGHT - MEAN(gm)	0.00	58.89	95.56	118.87	133.60	146.19	154.12	159.78	171.15	185.00	138.94	138.42
- STD. DEV.	0.00	9.83	15.98	18.40	20.56	19.31	20.58	23.95	30.02	20.22	25.97	25.63

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	3	211	1697	277	0	0	1
% AT STAGE	0.00	0.05	0.14	9.63	77.49	12.65	0.00	0.00	0.05

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	188	1024	0	1212
%	15.51	84.49	0.00	100.00
% SAMPLE WEIGHT	3.78	26.09	0.00	29.87

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	978	1212	0	2190
%	44.66	55.34	0.00	100.00
MEAN WEIGHT	131.02	144.38	0.00	138.42
% SAMP. WT.	42.27	57.73	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 85 - KWAKSHUA CHANNEL

SAMPLE NUMBERS: 202

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 6/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	11	33	8	31	3	7	3	0	4	100
% AT AGE	0.00	0.00	11.46	34.38	8.33	32.29	3.13	7.29	3.13	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	179.09	189.09	198.13	201.19	202.67	206.57	220.00	0.00	182.25	194.75
- STD. DEV.	0.00	0.00	8.54	8.69	8.72	8.79	4.04	12.05	8.54	0.00	9.84	12.78
WEIGHT - MEAN(gm)	0.00	0.00	77.91	95.12	107.00	116.03	111.67	126.71	141.33	0.00	83.75	104.30
- STD. DEV.	0.00	0.00	13.03	14.38	14.42	19.30	4.51	22.54	20.98	0.00	14.91	22.44

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	58	37	1	3	0	0
% AT STAGE	0.00	0.00	1.00	58.00	37.00	1.00	3.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	45	1	1	47
%	95.74	2.13	2.13	100.00
% SAMPLE WEIGHT	21.61	0.44	0.10	22.15

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	53	47	0	100
%	53.00	47.00	0.00	100.00
MEAN WEIGHT	97.89	111.53	0.00	104.30
% SAMP. WT.	49.74	50.26	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 123 - CRACROFT ISLAND

SAMPLE NUMBERS: 236

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 17/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	16	9	8	35	7	14	6	0	5	100
% AT AGE	0.00	0.00	16.84	9.47	8.42	36.84	7.37	14.74	6.32	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	174.25	179.78	192.13	207.97	218.00	224.14	225.67	0.00	204.60	202.63
- STD. DEV.	0.00	0.00	8.79	12.41	10.79	11.55	13.59	11.56	8.24	0.00	15.37	20.76
WEIGHT - MEAN(gm)	0.00	0.00	89.06	108.00	124.38	156.34	173.43	185.86	186.50	0.00	137.80	144.88
- STD. DEV.	0.00	0.00	15.16	13.59	23.42	25.72	41.34	25.15	17.07	0.00	29.52	40.77

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	4	42	51	2	0	0	1
% AT STAGE	0.00	0.00	4.00	42.00	51.00	2.00	0.00	0.00	1.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	39	9	0	48
%	81.25	18.75	0.00	100.00
% SAMPLE WEIGHT	18.44	4.55	0.00	22.99

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	51	48	1	100
%	51.00	48.00	1.00	100.00
MEAN WEIGHT	137.53	152.96	132.00	144.88
% SAMP. WT.	48.41	50.68	0.91	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 127 - KNIGHT INLET

SAMPLE NUMBERS: 231

SOURCE: OTHER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 14/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	11	13	4	53	5	3	0	0	8	97
% AT AGE	0.00	0.00	12.36	14.61	4.49	59.55	5.62	3.37	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	158.00	168.54	161.00	179.98	187.20	184.33	0.00	0.00	176.75	175.41
- STD. DEV.	0.00	0.00	8.46	11.81	6.22	8.82	16.04	2.52	0.00	0.00	11.13	12.62
WEIGHT - MEAN(gm)	0.00	0.00	59.91	72.46	63.75	86.55	105.60	88.33	0.00	0.00	80.63	81.25
- STD. DEV.	0.00	0.00	10.56	20.66	9.54	15.63	38.58	10.02	0.00	0.00	14.69	20.08

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	13	33	9	42	0	0
% AT STAGE	0.00	0.00	0.00	13.40	34.02	9.28	43.30	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	19	23	44
%	4.55	43.18	52.27	100.00
% SAMPLE WEIGHT	1.13	11.77	1.16	14.06

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	53	44	0	97
%	54.64	45.36	0.00	100.00
MEAN WEIGHT	75.43	88.25	0.00	81.25
% SAMP. WT.	50.73	49.27	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 131 - OTHER AREA 13 STRAIT

SAMPLE NUMBERS: 14, 2

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 20 DATE: NOV 11/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	38	89	20	11	11	2	0	0	0	26	197
% AT AGE	0.00	22.22	52.05	11.70	6.43	6.43	1.17	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	148.18	172.46	188.40	192.45	201.55	202.00	0.00	0.00	0.00	182.62	173.78
- STD. DEV.	0.00	8.04	9.77	9.93	11.30	8.70	2.83	0.00	0.00	0.00	22.05	19.18
WEIGHT - MEAN(gm)	0.00	48.39	80.90	109.10	115.36	134.18	148.50	0.00	0.00	0.00	101.62	85.81
- STD. DEV.	0.00	8.72	13.41	18.04	16.32	18.52	12.02	0.00	0.00	0.00	36.95	30.39

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	10	31	122	34	0	0	0	0	0
% AT STAGE	5.08	15.74	61.93	17.26	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	105	0	0	105
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	92	105	0	197
%	46.70	53.30	0.00	100.00
MEAN WEIGHT	84.95	86.57	0.00	85.81
% SAMP. WT.	46.23	53.77	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 131 - OTHER AREA 13 STRAIT

SAMPLE NUMBERS: 5

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 21 DATE: NOV 16/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	22	47	10	5	3	2	1	0	0	6	96
% AT AGE	0.00	24.44	52.22	11.11	5.56	3.33	2.22	1.11	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	146.59	173.06	189.60	204.20	214.00	214.00	214.00	0.00	0.00	164.00	172.33
- STD. DEV.	0.00	8.72	9.16	6.24	7.60	34.87	12.73	0.00	0.00	0.00	26.94	21.95
WEIGHT - MEAN(gm)	0.00	45.09	79.68	107.40	140.80	127.67	143.50	155.00	0.00	0.00	91.50	82.18
- STD. DEV.	0.00	8.39	12.70	12.51	17.46	24.79	13.44	0.00	0.00	0.00	38.74	31.47

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	28	65	3	0	0	0	0	0
% AT STAGE	0.00	29.17	67.71	3.13	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	60	0	0	60
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	36	60	0	96
%	37.50	62.50	0.00	100.00
MEAN WEIGHT	93.22	75.55	0.00	82.18
% SAMP. WT.	42.54	57.46	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 131 - OTHER AREA 13 STRAIT

SAMPLE NUMBERS: 57, 59

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 23/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	8	108	35	7	13	2	0	0	0	24	197
% AT AGE	0.00	4.62	62.43	20.23	4.05	7.51	1.16	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	155.13	173.69	190.34	194.00	196.77	198.50	0.00	0.00	0.00	180.21	179.19
- STD. DEV.	0.00	4.29	7.75	9.90	10.77	9.99	4.95	0.00	0.00	0.00	16.33	13.65
WEIGHT - MEAN(gm)	0.00	59.63	88.31	114.40	125.14	135.62	134.00	0.00	0.00	0.00	101.46	98.28
- STD. DEV.	0.00	7.69	11.86	20.28	23.73	20.20	0.00	0.00	0.00	0.00	29.87	24.33

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	10	118	69	0	0	0	0	0
% AT STAGE	0.00	5.08	59.90	35.03	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	104	0	0	104
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	INMATURE	TOTAL
NO.	93	104	0	197
%	47.21	52.79	0.00	100.00
MEAN WEIGHT	97.48	98.99	0.00	98.28
% SAMP. WT.	46.83	53.17	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 11, 30

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 20 DATE: NOV 10/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	36	86	35	11	3	1	1	0	0	25	198
% AT AGE	0.00	20.81	49.71	20.23	6.36	1.73	0.58	0.58	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.03	170.41	174.49	189.00	200.33	156.00	210.00	0.00	0.00	178.48	171.33
- STD. DEV.	0.00	12.44	14.29	18.18	21.73	17.93	0.00	0.00	0.00	0.00	20.31	18.31
WEIGHT - MEAN(gm)	0.00	59.89	78.63	87.60	112.18	132.33	65.00	160.00	0.00	0.00	96.32	82.06
- STD. DEV.	0.00	16.34	19.42	27.79	35.26	32.81	0.00	0.00	0.00	0.00	34.67	28.49

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	5	52	122	16	2	0	0	0	1
% AT STAGE	2.53	26.26	61.62	8.08	1.01	0.00	0.00	0.00	0.51

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	111	0	1	112
%	99.11	0.00	0.89	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	86	112	0	198
%	43.43	56.57	0.00	100.00
MEAN WEIGHT	82.15	81.99	0.00	82.06
% SAMP. WT.	43.48	56.52	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 10, 1, 7, 8

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 21 DATE: NOV 15/82 - NOV 18/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	101	162	43	24	8	0	3	0	0	51	392
% AT AGE	0.00	29.62	47.51	12.61	7.04	2.35	0.00	0.88	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	148.99	174.60	186.35	199.46	209.50	0.00	210.67	0.00	0.00	172.43	171.52
- STD. DEV.	0.00	9.01	8.93	9.00	11.30	15.64	0.00	3.06	0.00	0.00	23.39	19.82
WEIGHT - MEAN(gm)	0.00	47.20	81.75	101.88	128.79	152.00	0.00	147.67	0.00	0.00	85.25	80.33
- STD. DEV.	0.00	8.47	12.98	15.80	23.52	29.82	0.00	15.01	0.00	0.00	33.03	30.44

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	24	73	246	49	0	0	0	0	0
% AT STAGE	6.12	18.62	62.76	12.50	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	183	0	0	183
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	208	183	1	392
%	53.06	46.68	0.26	100.00
MEAN WEIGHT	78.49	82.66	36.00	80.33
% SAMP. WT.	51.85	48.04	0.11	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 85, 86, 62

SOURCE: FOOD FISHERY
RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 22/82 - NOV 23/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	49	117	39	29	14	3	2	1	0	43	297
% AT AGE	0.00	19.29	46.06	15.35	11.42	5.51	1.18	0.79	0.39	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	148.59	174.08	184.67	195.38	200.29	203.67	203.50	218.00	0.00	185.30	176.85
- STD. DEV.	0.00	12.11	12.18	14.51	13.92	12.42	2.89	4.95	0.00	0.00	21.08	20.69
WEIGHT - MEAN(gm)	0.00	48.78	83.74	102.95	123.66	132.29	141.33	151.00	180.00	0.00	109.21	91.72
- STD. DEV.	0.00	13.87	17.63	27.12	30.90	25.65	6.11	9.90	0.00	0.00	35.38	34.48

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	49	175	72	0	0	0	0	0
% AT STAGE	0.34	16.50	58.92	24.24	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	138	0	0	138
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	159	138	0	297
%	53.54	46.46	0.00	100.00
MEAN WEIGHT	90.13	93.57	0.00	91.72
% SAMP. WT.	52.60	47.40	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 14

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 26/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	2	57	13	10	7	0	0	1	0	10	100
% AT AGE	0.00	2.22	63.33	14.44	11.11	7.78	0.00	0.00	1.11	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	170.00	183.23	192.77	206.00	216.57	0.00	0.00	233.00	0.00	192.70	190.26
- STD. DEV.	0.00	0.00	7.26	10.32	5.35	11.27	0.00	0.00	0.00	0.00	11.14	13.96
WEIGHT - MEAN(gm)	0.00	57.50	76.98	95.77	112.80	136.57	0.00	0.00	180.00	0.00	88.30	88.95
- STD. DEV.	0.00	2.12	10.85	19.08	13.82	25.88	0.00	0.00	0.00	0.00	16.85	24.59

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	4	3	80	13	0	0	0	0
% AT STAGE	0.00	4.00	3.00	80.00	13.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	45	0	0	45
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	11.99	0.00	0.00	11.99

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	55	45	0	100
%	55.00	45.00	0.00	100.00
MEAN WEIGHT	85.78	92.82	0.00	88.95
% SAMP. WT.	53.04	46.96	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 131

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 18/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	57	15	5	8	0	0	0	0	10	98
% AT AGE	0.00	3.41	64.77	17.05	5.68	9.09	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	155.33	175.32	187.07	193.60	199.13	0.00	0.00	0.00	0.00	184.00	180.27
- STD. DEV.	0.00	4.16	7.26	8.21	9.96	11.19	0.00	0.00	0.00	0.00	10.46	12.02
WEIGHT - MEAN(gm)	0.00	49.67	74.88	89.07	103.00	107.25	0.00	0.00	0.00	0.00	85.70	81.46
- STD. DEV.	0.00	2.31	9.01	13.18	10.86	14.37	0.00	0.00	0.00	0.00	12.94	15.93

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	1	0	51	15	0	30	0	0
% AT STAGE	1.02	1.02	0.00	52.04	15.31	0.00	30.61	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	35	4	8	47
%	74.47	8.51	17.02	100.00
% SAMPLE WEIGHT	12.23	2.42	0.34	14.99

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	51	47	0	98
%	52.04	47.96	0.00	100.00
MEAN WEIGHT	81.20	81.74	0.00	81.46
% SAMP. WT.	51.87	48.13	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 136 - OTHER AREA 13 GULF

SAMPLE NUMBERS: 39, 41, 35

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: FEB 28/83 - MAR 1/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	154	61	32	17	5	1	0	1	27	299
% AT AGE	0.00	0.37	56.62	22.43	11.76	6.25	1.84	0.37	0.00	0.37	0.00	100.00
LENGTH - MEAN(mm)	0.00	166.00	176.18	187.85	198.47	206.88	202.40	212.00	0.00	226.00	179.11	183.65
- STD. DEV.	0.00	0.00	8.73	10.60	9.92	11.08	8.50	0.00	0.00	0.00	15.78	14.34
WEIGHT - MEAN(gm)	0.00	61.00	77.61	96.62	115.22	127.00	124.80	123.00	0.00	165.00	85.52	90.21
- STD. DEV.	0.00	0.00	10.66	14.26	21.16	19.49	14.27	0.00	0.00	0.00	20.66	22.10

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	1	0	261	31	4	0	0	0
% AT STAGE	0.67	0.33	0.00	87.29	10.37	1.34	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	145	11	0	156
%	92.95	7.05	0.00	100.00
% SAMPLE WEIGHT	17.72	2.42	0.00	20.15

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	142	156	0	298
%	47.65	52.35	0.00	100.00
MEAN WEIGHT	89.28	90.99	0.00	90.18
% SAMP. WT.	47.18	52.82	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 137 - HERIOT BAY

SAMPLE NUMBERS: 138

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 14/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	45	25	11	6	1	1	0	0	10	99
% AT AGE	0.00	0.00	50.56	28.09	12.36	6.74	1.12	1.12	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	178.09	187.92	198.91	199.67	217.00	207.00	0.00	0.00	182.10	185.28
- STD. DEV.	0.00	0.00	7.57	10.49	7.06	12.14	0.00	0.00	0.00	0.00	14.83	12.67
WEIGHT - MEAN(gm)	0.00	0.00	79.31	100.24	115.55	114.67	155.00	115.00	0.00	0.00	88.40	92.81
- STD. DEV.	0.00	0.00	9.79	22.85	13.29	19.17	0.00	0.00	0.00	0.00	25.15	22.30

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	10	81	6	2	0	0
% AT STAGE	0.00	0.00	0.00	10.10	81.82	6.06	2.02	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	7	42	0	49
%	14.29	85.71	0.00	100.00
% SAMPLE WEIGHT	2.82	20.80	0.00	23.62

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	50	49	0	99
%	50.51	49.49	0.00	100.00
MEAN WEIGHT	91.72	93.92	0.00	92.81
% SAMP. WT.	49.91	50.09	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 142 - BAYNES SOUND

SAMPLE NUMBERS: 15

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 34 DATE: FEB 18/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	2	21	24	10	7	5	5	3	0	22	99
% AT AGE	0.00	2.60	27.27	31.17	12.99	9.09	6.49	6.49	3.90	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	165.00	187.48	202.67	215.40	219.86	221.80	226.60	241.33	0.00	198.73	203.66
- STD. DEV.	0.00	7.07	9.72	5.80	8.37	7.29	4.97	9.18	8.08	0.00	11.36	16.85
WEIGHT - MEAN(gm)	0.00	62.50	100.62	128.79	145.40	166.14	159.00	182.00	211.33	0.00	120.36	130.64
- STD. DEV.	0.00	0.71	16.14	12.48	21.60	15.33	10.95	13.55	16.92	0.00	22.06	32.70

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	96	2	0	0	0	0
% AT STAGE	0.00	0.00	1.01	96.97	2.02	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	52	0	0	52
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	22.99	0.00	0.00	22.99

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	47	52	0	99
%	47.47	52.53	0.00	100.00
MEAN WEIGHT	125.96	134.87	0.00	130.64
% SAMP. WT.	45.77	54.23	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 142 - BAYNES SOUND

SAMPLE NUMBERS: 12, 25,247,221, 28

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 23/83 - FEB 26/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	11	127	135	88	33	8	6	3	1	87	499
% AT AGE	0.00	2.67	30.83	32.77	21.36	8.01	1.94	1.46	0.73	0.24	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.55	182.74	200.65	209.30	214.33	217.75	226.00	231.00	240.00	203.13	199.00
- STD. DEV.	0.00	9.66	10.84	10.00	10.57	8.77	9.75	10.32	2.65	0.00	14.46	16.65
WEIGHT - MEAN(gm)	0.00	63.36	89.17	122.97	142.76	154.58	165.75	170.17	184.00	229.00	128.17	121.37
- STD. DEV.	0.00	10.08	16.44	21.09	24.25	21.52	22.59	28.56	10.58	0.00	28.62	32.99

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	0	1	260	218	18	0	0	0
% AT STAGE	0.40	0.00	0.20	52.10	43.69	3.61	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	166	114	0	280
%	59.29	40.71	0.00	100.00
% SAMPLE WEIGHT	13.32	12.02	0.00	25.34

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	219	280	0	499
%	43.89	56.11	0.00	100.00
MEAN WEIGHT	114.75	126.55	0.00	121.37
% SAMP. WT.	41.49	58.51	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 142 - BAYNES SOUND

SAMPLE NUMBERS: 396,388,397,399,398,243,170,217,394,393,
401,392,383,402

SOURCE: ROE FISHERY
PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: FEB 27/83 - FEB 28/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	18	284	391	281	149	39	43	19	5	167	1396
% AT AGE	0.00	1.46	23.11	31.81	22.86	12.12	3.17	3.50	1.55	0.41	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.72	180.54	197.44	205.14	210.26	218.31	220.98	228.95	223.80	200.57	198.64
- STD. DEV.	0.00	8.70	11.47	11.86	11.55	10.10	8.14	13.25	9.30	12.87	13.48	16.91
WEIGHT - MEAN(gm)	0.00	56.33	89.59	123.50	140.14	151.44	169.38	179.88	184.21	186.20	127.04	126.56
- STD. DEV.	0.00	10.46	15.94	20.45	21.70	21.89	15.73	18.86	24.87	14.97	29.61	33.02

MJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	157	977	252	9	0	1
% AT STAGE	0.00	0.00	0.00	11.25	69.99	18.05	0.64	0.00	0.07

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	136	568	6	710
%	19.15	80.00	0.85	100.00
% SAMPLE WEIGHT	3.51	23.95	0.01	27.47

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	685	710	1	1396
%	49.07	50.86	0.07	100.00
MEAN WEIGHT	122.01	131.06	44.00	126.56
% SAMP. WT.	47.31	52.67	0.02	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 142 - BAYNES SOUND

SAMPLE NUMBERS: 122

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 18/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	31	32	13	7	0	2	2	0	8	98
% AT AGE	0.00	3.33	34.44	35.56	14.44	7.78	0.00	2.22	2.22	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	168.67	180.26	196.38	202.38	207.43	0.00	237.00	226.00	0.00	204.38	194.10
- STD. DEV.	0.00	18.90	9.27	10.18	4.54	6.53	0.00	7.07	12.73	0.00	15.25	16.24
WEIGHT - MEAN(gm)	0.00	55.33	66.74	86.81	98.38	101.00	0.00	150.50	141.00	0.00	95.25	85.14
- STD. DEV.	0.00	13.65	10.06	12.93	8.60	11.65	0.00	19.09	46.67	0.00	19.46	22.33

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	0	1	0	97	0	0
% AT STAGE	0.00	0.00	0.00	0.00	1.02	0.00	98.98	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	1	43	44
%	0.00	2.27	97.73	100.00
% SAMPLE WEIGHT	0.00	0.76	1.54	2.30

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	54	44	0	98
%	55.10	44.90	0.00	100.00
MEAN WEIGHT	86.09	83.98	0.00	85.14
% SAMP. WT.	55.72	44.28	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 143 - QUALICUM

SAMPLE NUMBERS: 268

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 1/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	12	32	19	13	6	7	1	1	6	100
% AT AGE	0.00	3.19	12.77	34.04	20.21	13.83	6.38	7.45	1.06	1.06	0.00	100.00
LENGTH - MEAN(mm)	0.00	155.67	184.50	193.16	199.21	201.46	206.17	217.43	230.00	220.00	195.17	196.46
- STD. DEV.	0.00	2.08	6.87	7.14	9.21	7.33	6.79	7.83	0.00	0.00	9.91	13.57
WEIGHT - MEAN(gm)	0.00	57.33	96.17	122.59	133.53	141.00	146.00	178.71	177.00	193.00	128.67	128.88
- STD. DEV.	0.00	6.81	15.60	18.73	27.59	18.18	26.73	19.58	0.00	0.00	30.81	31.67

MJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	6	68	5	21	0	0
% AT STAGE	0.00	0.00	0.00	6.00	68.00	5.00	21.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	5	25	14	44
%	11.36	56.82	31.82	100.00
% SAMPLE WEIGHT	2.10	18.11	0.37	20.57

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	56	44	0	100
%	56.00	44.00	0.00	100.00
MEAN WEIGHT	132.41	124.39	0.00	128.88
% SAMP. WT.	57.53	42.47	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 144 - FRENCH CREEK

SAMPLE NUMBERS: 299

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 2/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	13	30	25	8	2	4	5	0	12	100
% AT AGE	0.00	1.14	14.77	34.09	28.41	9.09	2.27	4.55	5.68	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.00	177.08	187.67	197.44	207.38	202.50	208.50	224.80	0.00	193.50	193.73
- STD. DEV.	0.00	0.00	11.88	8.53	8.56	6.86	3.54	8.19	8.41	0.00	10.53	14.59
WEIGHT - MEAN(gm)	0.00	55.00	91.69	112.40	138.68	158.50	169.00	169.25	201.20	0.00	126.92	128.98
- STD. DEV.	0.00	0.00	15.86	21.65	23.47	22.58	9.90	17.27	27.25	0.00	33.43	35.76

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	2	65	7	26	0	0
% AT STAGE	0.00	0.00	0.00	2.00	65.00	7.00	26.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	2	35	16	53
%	3.77	66.04	30.19	100.00
% SAMPLE WEIGHT	0.49	20.74	0.12	21.35

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	47	53	0	100
%	47.00	53.00	0.00	100.00
MEAN WEIGHT	130.91	127.26	0.00	128.98
% SAMP. WT.	47.71	52.29	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 144 - FRENCH CREEK

SAMPLE NUMBERS: 224

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 10/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	20	31	23	10	5	3	0	0	7	99
% AT AGE	0.00	0.00	21.74	33.70	25.00	10.87	5.43	3.26	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	179.90	190.45	201.52	203.60	214.60	212.33	0.00	0.00	196.71	194.55
- STD. DEV.	0.00	0.00	9.90	9.37	10.02	8.59	13.69	14.36	0.00	0.00	12.39	14.00
WEIGHT - MEAN(gm)	0.00	0.00	87.10	104.16	129.26	136.20	152.00	166.33	0.00	0.00	111.43	114.60
- STD. DEV.	0.00	0.00	12.46	16.36	22.88	16.81	22.02	19.35	0.00	0.00	14.08	27.13

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	5	86	0	8	0	0
% AT STAGE	0.00	0.00	0.00	5.05	86.87	0.00	8.08	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	41	2	43
%	0.00	95.35	4.65	100.00
% SAMPLE WEIGHT	0.00	25.04	0.04	25.08

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	56	43	0	99
%	56.57	43.43	0.00	100.00
MEAN WEIGHT	110.45	120.00	0.00	114.60
% SAMP. WT.	54.52	45.48	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 152 - LUND

SAMPLE NUMBERS: 270

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 34 DATE: FEB 16/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	44	22	13	10	3	3	1	1	3	100
% AT AGE	0.00	0.00	45.36	22.68	13.40	10.31	3.09	3.09	1.03	1.03	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	183.00	199.27	205.31	210.20	221.67	213.00	228.00	237.00	192.33	195.53
- STD. DEV.	0.00	0.00	6.39	8.91	9.01	11.95	8.51	5.29	0.00	0.00	6.43	15.02
WEIGHT - MEAN(gm)	0.00	0.00	82.41	109.18	122.92	135.50	153.33	140.33	178.00	191.00	95.33	105.17
- STD. DEV.	0.00	0.00	10.41	12.35	15.72	23.51	24.01	15.14	0.00	0.00	12.50	28.03

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	3	63	34	0	0	0	0
% AT STAGE	0.00	0.00	3.00	63.00	34.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	53	0	0	53
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	19.08	0.00	0.00	19.08

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	47	53	0	100
%	47.00	53.00	0.00	100.00
MEAN WEIGHT	104.47	105.79	0.00	105.17
% SAMP. WT.	46.69	53.31	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 152 - LUND

SAMPLE NUMBERS: 20, 19, 18, 24

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 23/83 - FEB 26/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	100	97	66	50	17	10	1	0	44	386
% AT AGE	0.00	0.29	29.24	28.36	19.30	14.62	4.97	2.92	0.29	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.00	183.19	195.01	203.65	204.66	208.41	216.10	200.00	0.00	199.68	196.27
- STD. DEV.	0.00	0.00	7.73	9.75	8.85	11.00	8.41	12.79	0.00	0.00	10.41	13.08
WEIGHT - MEAN(gm)	0.00	52.00	84.34	107.23	125.58	130.86	136.71	144.50	129.00	0.00	113.89	110.43
- STD. DEV.	0.00	0.00	11.01	16.76	18.36	19.60	16.12	26.21	0.00	0.00	21.23	25.08

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	0	314	71	0	0	0	0
% AT STAGE	0.00	0.26	0.00	81.35	18.39	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	229	5	0	234
%	97.86	2.14	0.00	100.00
% SAMPLE WEIGHT	18.55	0.50	0.00	19.05

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	152	234	0	386
%	39.38	60.62	0.00	100.00
MEAN WEIGHT	108.08	111.96	0.00	110.43
% SAMP. WT.	38.54	61.46	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 152 - LUND

SAMPLE NUMBERS: 107,266,237, 92,255,380,291,272, 56,157,
31,244, 61, 36, 96, 40, 99, 76,104, 32,
250,265,289,305,155, 38,241, 50, 37,282,
228,294,263,172,235,152,163,151,261, 30,
52,159, 55

SOURCE: ROE FISHERY
PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: FEB 27/83 - MAR 5/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	10	1181	1108	712	599	154	132	46	14	321	4277
% AT AGE	0.00	0.25	29.85	28.01	18.00	15.14	3.89	3.34	1.16	0.35	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.80	180.80	194.70	201.81	205.48	212.53	216.54	221.93	233.50	197.55	195.42
- STD. DEV.	0.00	8.93	8.88	9.81	9.45	9.98	10.82	10.68	11.67	12.77	14.19	14.86
WEIGHT - MEAN(gm)	0.00	57.30	84.79	107.94	122.64	129.88	144.19	152.12	165.54	194.93	113.43	110.94
- STD. DEV.	0.00	7.59	12.79	16.71	18.03	19.21	23.81	24.22	27.85	27.08	25.17	27.17

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	4	15	1090	2644	517	5	1	0
% AT STAGE	0.02	0.09	0.35	25.49	61.82	12.09	0.12	0.02	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	768	1478	2	2248
%	34.16	65.75	0.09	100.00
% SAMPLE WEIGHT	6.42	17.74	0.00	24.17

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	2029	2248	0	4277
%	47.44	52.56	0.00	100.00
MEAN WEIGHT	107.36	114.16	0.00	110.94
% SAMP. WT.	45.91	54.09	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 152 - LUND

SAMPLE NUMBERS: 88, 89,150, 71, 90, 81, 75, 80, 78

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 6/83 - MAR 11/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	11	326	207	128	95	28	35	12	0	50	892
% AT AGE	0.00	1.31	38.72	24.58	15.20	11.28	3.33	4.16	1.43	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	165.00	179.62	195.00	201.67	207.26	212.39	215.80	225.42	0.00	196.36	193.12
- STD. DEV.	0.00	6.42	8.54	10.13	7.87	9.40	10.51	10.37	14.36	0.00	17.03	15.83
WEIGHT - MEAN(gm)	0.00	60.45	78.21	100.76	114.45	121.00	136.04	142.94	156.75	0.00	102.78	99.77
- STD. DEV.	0.00	6.22	11.80	16.69	16.57	20.33	19.51	22.39	27.87	0.00	28.30	26.64

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	0	4	130	546	108	103	0	0
% AT STAGE	0.11	0.00	0.45	14.57	61.21	12.11	11.55	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	92	325	56	473
%	19.45	68.71	11.84	100.00
% SAMPLE WEIGHT	3.37	18.31	0.15	21.84

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	416	473	3	892
%	46.64	53.03	0.34	100.00
MEAN WEIGHT	96.78	102.54	78.33	99.77
% SAMP. WT.	45.24	54.50	0.26	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 152 - LUND

SAMPLE NUMBERS: 124

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 17/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	23	21	21	13	7	2	2	0	10	100
% AT AGE	0.00	1.11	25.56	23.33	23.33	14.44	7.78	2.22	2.22	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	183.00	183.83	204.90	207.33	210.54	223.57	228.00	228.00	0.00	202.20	203.04
- STD. DEV.	0.00	0.00	8.92	8.16	8.10	11.86	8.48	8.49	1.41	0.00	9.35	15.21
WEIGHT - MEAN(gm)	0.00	70.00	73.48	97.71	104.10	111.62	136.14	154.50	143.00	0.00	99.80	99.95
- STD. DEV.	0.00	0.00	9.91	13.08	13.06	14.72	17.57	10.61	12.73	0.00	18.20	23.52

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	1	0	0	99	0	0
% AT STAGE	0.00	0.00	0.00	1.00	0.00	0.00	99.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	0	27	28
%	3.57	0.00	96.43	100.00
% SAMPLE WEIGHT	0.57	0.00	2.09	2.66

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	72	28	0	100
%	72.00	28.00	0.00	100.00
MEAN WEIGHT	99.60	100.86	0.00	99.95
% SAMP. WT.	71.75	28.25	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 162 - STILLWATER

SAMPLE NUMBERS: 16

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 24/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	23	25	19	11	3	2	1	0	15	99
% AT AGE	0.00	0.00	27.38	29.76	22.62	13.10	3.57	2.38	1.19	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	188.17	201.08	208.16	211.64	214.67	214.00	220.00	0.00	207.00	202.37
- STD. DEV.	0.00	0.00	7.55	6.49	7.03	7.37	13.43	11.31	0.00	0.00	7.79	11.36
WEIGHT - MEAN(gm)	0.00	0.00	97.65	117.92	131.26	142.18	147.33	143.50	149.00	0.00	127.80	121.69
- STD. DEV.	0.00	0.00	9.77	11.07	17.03	16.13	30.89	27.58	0.00	0.00	14.94	20.92

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	2	97	0	0	0	0	0
% AT STAGE	0.00	0.00	2.02	97.98	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	63	0	0	63
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	20.66	0.00	0.00	20.66

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	36	63	0	99
%	36.36	63.64	0.00	100.00
MEAN WEIGHT	117.42	124.13	0.00	121.69
% SAMP. WT.	35.09	64.91	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 162 - STILLWATER

SAMPLE NUMBERS: 164,153,165

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 2/83 - MAR 5/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	2	114	77	37	26	4	6	1	0	31	298
% AT AGE	0.00	0.75	42.70	28.84	13.86	9.74	1.50	2.25	0.37	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	148.50	178.36	192.51	202.00	200.96	206.25	207.83	222.00	0.00	192.71	189.33
- STD. DEV.	0.00	4.95	8.58	11.07	8.18	7.44	17.61	14.05	0.00	0.00	14.32	14.38
WEIGHT - MEAN(gm)	0.00	45.00	84.93	108.91	127.38	122.65	140.25	155.83	154.00	0.00	110.84	104.52
- STD. DEV.	0.00	1.41	11.26	13.57	13.74	16.34	16.07	26.78	0.00	0.00	25.50	23.96

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	64	216	17	0	0	0
% AT STAGE	0.00	0.00	0.34	21.48	72.48	5.70	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	56	132	0	188
%	29.79	70.21	0.00	100.00
% SAMPLE WEIGHT	5.45	18.92	0.00	24.37

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	110	188	0	298
%	36.91	63.09	0.00	100.00
MEAN WEIGHT	97.98	108.34	0.00	104.52
% SAMP. WT.	34.60	65.40	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 162 - STILLWATER

SAMPLE NUMBERS: 91,215

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 8/83 - MAR 9/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	101	40	13	16	1	1	1	0	20	196
% AT AGE	0.00	1.70	57.39	22.73	7.39	9.09	0.57	0.57	0.57	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	154.33	176.87	188.60	197.15	195.94	193.00	207.00	214.00	0.00	187.55	183.34
- STD. DEV.	0.00	2.08	10.23	11.26	9.72	9.73	0.00	0.00	0.00	0.00	11.01	13.41
WEIGHT - MEAN(gm)	0.00	61.00	84.22	106.78	120.23	115.88	123.00	163.00	137.00	0.00	108.65	96.80
- STD. DEV.	0.00	10.15	10.36	15.74	8.42	19.94	0.00	0.00	0.00	0.00	25.34	20.99

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	60	135	0	0	0	0
% AT STAGE	0.00	0.00	0.51	30.61	68.88	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	37	79	0	116
%	31.90	68.10	0.00	100.00
% SAMPLE WEIGHT	5.39	17.26	0.00	22.65

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	80	116	0	196
%	40.82	59.18	0.00	100.00
MEAN WEIGHT	93.78	98.89	0.00	96.80
% SAMP. WT.	39.54	60.46	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 34

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 20 DATE: NOV 7/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	30	20	8	5	1	1	0	0	33	98
% AT AGE	0.00	0.00	46.15	30.77	12.31	7.69	1.54	1.54	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	178.87	195.90	207.75	212.40	228.00	227.00	0.00	0.00	184.36	189.26
- STD. DEV.	0.00	0.00	10.10	10.31	7.70	13.98	0.00	0.00	0.00	0.00	32.74	23.54
WEIGHT - MEAN(gm)	0.00	0.00	103.63	135.65	161.25	165.00	210.00	202.00	0.00	0.00	121.73	126.18
- STD. DEV.	0.00	0.00	16.55	18.95	13.09	25.40	0.00	0.00	0.00	0.00	52.26	39.82

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	9	68	18	0	0	0	0	2
% AT STAGE	1.02	9.18	69.39	18.37	0.00	0.00	0.00	0.00	2.04

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	54	0	0	54
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	42	54	2	98
%	42.86	55.10	2.04	100.00
MEAN WEIGHT	120.48	134.81	13.00	126.18
% SAMP. WT.	40.92	58.87	0.21	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 31, 24, 63

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 21 DATE: NOV 16/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	11	82	65	36	18	4	9	5	0	66	296
% AT AGE	0.00	4.78	35.65	28.26	15.65	7.83	1.74	3.91	2.17	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.55	182.88	201.37	206.36	215.61	217.25	228.44	230.00	0.00	196.80	196.59
- STD. DEV.	0.00	7.99	10.64	10.27	9.55	10.35	9.18	8.25	11.90	0.00	17.56	18.69
WEIGHT - MEAN(gm)	0.00	66.55	105.89	141.34	155.94	175.28	183.75	205.78	218.60	0.00	136.79	135.40
- STD. DEV.	0.00	10.44	18.20	18.82	19.54	26.68	29.80	21.25	25.64	0.00	40.69	39.10

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	4	155	136	0	0	0	0	0
% AT STAGE	0.34	1.35	52.36	45.95	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	154	0	0	154
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	142	154	0	296
%	47.97	52.03	0.00	100.00
MEAN WEIGHT	131.13	139.34	0.00	135.40
% SAMP. WT.	46.46	53.54	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 12, 16, 17, 6, 18, 60, 20, 21, 9

SOURCE: FOOD FISHERY
RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 22/82 - NOV 25/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	94	6	86	217	135	69	30	37	15	5	202	896
% AT AGE	13.54	0.86	12.39	31.27	19.45	9.94	4.32	5.33	2.16	0.72	0.00	100.00
LENGTH - MEAN(mm)	97.07	153.83	189.84	203.94	210.79	215.30	218.80	226.65	231.53	232.40	204.14	195.05
- STD. DEV.	5.96	18.30	9.49	7.41	7.57	8.20	6.14	7.44	5.48	9.76	20.28	36.84
WEIGHT - MEAN(gm)	13.40	61.17	109.10	137.48	155.52	166.38	171.80	195.97	205.47	205.80	142.39	132.36
- STD. DEV.	2.33	20.43	15.99	15.71	18.06	16.72	15.91	19.12	10.84	21.26	35.12	50.71

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	3	3	396	493	1	0	0	0	0
% AT STAGE	0.33	0.33	44.20	55.02	0.11	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	343	0	0	343
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	455	343	98	896
%	50.78	38.28	10.94	100.00
MEAN WEIGHT	145.77	148.57	13.41	132.36
% SAMP. WT.	55.92	42.97	1.11	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 45, 36, 44, 39, 51, 43, 37, 49, 41, 61, 40

SOURCE: FOOD FISHERY RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 23 DATE: NOV 28/82 - DEC 1/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	9	157	268	202	89	42	39	22	3	259	1090
% AT AGE	0.00	1.08	18.89	32.25	24.31	10.71	5.05	4.69	2.65	0.36	0.00	100.00
LENGTH - MEAN(mm)	0.00	165.33	187.35	201.74	210.00	216.85	218.64	226.64	232.09	250.00	203.10	204.74
- STD. DEV.	0.00	14.53	9.10	8.83	8.15	6.74	7.03	8.81	6.84	8.19	12.48	14.59
WEIGHT - MEAN(gm)	0.00	69.89	104.75	132.97	151.74	168.01	175.74	194.15	204.91	235.33	136.76	141.20
- STD. DEV.	0.00	16.59	15.42	18.16	18.55	16.96	19.79	19.69	22.57	8.14	26.98	31.65

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	12	512	560	4	0	0	1	0
% AT STAGE	0.09	1.10	46.97	51.38	0.37	0.00	0.00	0.09	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	580	2	1	583
%	99.49	0.34	0.17	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	505	583	0	1088
%	46.42	53.58	0.00	100.00
MEAN WEIGHT	139.38	142.77	0.00	141.20
% SAMP. WT.	45.82	54.18	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 70, 84, 72

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 24 DATE: DEC 7/82 - DEC 9/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	9	97	75	30	11	7	4	2	0	60	295
% AT AGE	0.00	3.83	41.28	31.91	12.77	4.68	2.98	1.70	0.85	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	168.78	185.87	202.60	211.13	221.91	226.43	228.50	235.00	0.00	195.98	197.44
- STD. DEV.	0.00	10.11	8.63	9.64	8.57	9.79	8.66	10.97	0.00	0.00	16.09	16.63
WEIGHT - MEAN(gm)	0.00	75.56	103.38	133.92	156.57	181.18	195.43	203.75	215.00	0.00	121.27	126.55
- STD. DEV.	0.00	13.45	14.93	19.61	18.63	16.65	23.46	13.18	26.87	0.00	30.48	33.89

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	36	208	50	0	0	0	0
% AT STAGE	0.00	0.34	12.20	70.51	16.95	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	147	1	0	148
%	99.32	0.68	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	147	148	0	295
%	49.83	50.17	0.00	100.00
MEAN WEIGHT	122.58	130.50	0.00	126.55
% SAMP. WT.	48.27	51.73	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 78, 82

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 25 DATE: DEC 13/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	10	79	42	12	8	0	2	0	0	46	199
% AT AGE	0.00	6.54	51.63	27.45	7.84	5.23	0.00	1.31	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.80	185.25	201.83	211.17	214.75	0.00	234.50	0.00	0.00	194.09	192.66
- STD. DEV.	0.00	3.91	8.94	9.48	8.16	5.18	0.00	13.44	0.00	0.00	14.98	16.34
WEIGHT - MEAN(gm)	0.00	63.70	102.16	128.45	146.75	158.00	0.00	203.00	0.00	0.00	116.83	115.12
- STD. DEV.	0.00	5.08	13.30	19.20	19.06	16.46	0.00	48.08	0.00	0.00	24.84	27.94

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	10	146	42	0	0	0	0
% AT STAGE	0.00	0.50	5.03	73.37	21.11	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	92	1	0	93
%	98.92	1.08	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	105	93	0	198
%	53.03	46.97	0.00	100.00
MEAN WEIGHT	111.17	119.62	0.00	115.14
% SAMP. WT.	51.20	48.80	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 9, 8, 7

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 29 DATE: JAN 13/83 - JAN 15/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	27	71	79	35	19	5	7	1	1	54	299
% AT AGE	0.00	11.02	28.98	32.24	14.29	7.76	2.04	2.86	0.41	0.41	0.00	100.00
LENGTH - MEAN(mm)	0.00	155.96	182.69	197.87	206.86	213.95	218.00	218.57	237.00	216.00	192.98	192.69
- STD. DEV.	0.00	11.18	9.16	8.50	7.86	6.16	4.47	6.55	0.00	0.00	16.07	18.61
WEIGHT - MEAN(gm)	0.00	59.33	96.28	124.84	142.57	153.26	162.00	175.71	202.00	150.00	116.80	116.73
- STD. DEV.	0.00	12.64	13.19	15.61	17.90	14.51	13.73	20.92	0.00	0.00	28.31	32.33

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	2	21	275	0	0	0	0	0
% AT STAGE	0.33	0.67	7.02	91.97	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	148	0	0	148
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	15.05	0.00	0.00	15.05

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	151	148	0	299
%	50.50	49.50	0.00	100.00
MEAN WEIGHT	113.13	120.40	0.00	116.73
% SAMP. WT.	48.94	51.06	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 13, 6, 11, 4, 2, 5, 10, 17, 3, 1

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 30 DATE: JAN 17/83 - JAN 22/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	49	292	259	116	37	25	12	10	0	184	984
% AT AGE	0.00	6.13	36.50	32.38	14.50	4.63	3.13	1.50	1.25	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	158.39	182.13	197.91	205.64	214.00	220.36	225.50	232.00	0.00	192.79	193.07
- STD. DEV.	0.00	10.46	10.94	10.26	8.67	8.63	9.08	6.53	7.07	0.00	17.05	17.92
WEIGHT - MEAN(gm)	0.00	63.02	95.52	123.21	139.22	160.16	171.64	182.08	195.90	0.00	114.22	116.28
- STD. DEV.	0.00	11.01	16.08	19.94	16.64	19.84	20.47	21.08	17.34	0.00	30.40	32.19

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	5	109	832	36	0	0	0	0
% AT STAGE	0.20	0.51	11.08	84.55	3.66	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	468	5	0	473
%	98.94	1.06	0.00	100.00
% SAMPLE WEIGHT	14.48	0.22	0.00	14.70

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	511	473	0	984
%	51.93	48.07	0.00	100.00
MEAN WEIGHT	114.26	118.46	0.00	116.28
% SAMP. WT.	51.03	48.97	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 29, 33, 26

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 23/83 - FEB 25/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	40	79	58	44	16	4	8	2	2	46	299
% AT AGE	0.00	15.81	31.23	22.92	17.39	6.32	1.58	3.16	0.79	0.79	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.45	181.06	201.31	209.00	214.00	223.75	223.25	223.00	235.50	192.39	192.06
- STD. DEV.	0.00	8.05	11.15	8.35	7.99	7.49	14.50	6.34	5.66	12.02	16.97	20.78
WEIGHT - MEAN(gm)	0.00	57.75	87.72	121.24	140.20	155.31	175.75	183.38	177.50	205.50	106.13	109.51
- STD. DEV.	0.00	11.40	16.78	16.20	19.38	16.35	24.35	18.21	9.19	13.44	31.80	37.95

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	2	8	244	43	1	0	0	0
% AT STAGE	0.33	0.67	2.68	81.61	14.38	0.33	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	172	2	0	174
%	98.85	1.15	0.00	100.00
% SAMPLE WEIGHT	19.96	0.25	0.00	20.20

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	125	174	0	299
%	41.81	58.19	0.00	100.00
MEAN WEIGHT	107.77	110.76	0.00	109.51
% SAMP. WT.	41.14	58.86	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 69

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 3/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	13	35	20	6	5	3	3	0	0	14	99
% AT AGE	0.00	15.29	41.18	23.53	7.06	5.88	3.53	3.53	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	155.31	178.94	192.95	207.17	209.80	219.00	227.00	0.00	0.00	189.50	186.10
- STD. DEV.	0.00	7.62	11.24	9.21	5.49	8.04	12.29	11.53	0.00	0.00	18.66	20.47
WEIGHT - MEAN(gm)	0.00	54.08	86.17	108.80	139.17	151.20	179.00	166.00	0.00	0.00	105.71	101.02
- STD. DEV.	0.00	7.95	14.54	19.59	16.85	16.30	36.50	18.52	0.00	0.00	31.98	35.64

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	72	21	3	3	0	0
% AT STAGE	0.00	0.00	0.00	72.73	21.21	3.03	3.03	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	48	5	0	53
%	90.57	9.43	0.00	100.00
% SAMPLE WEIGHT	19.94	1.89	0.00	21.84

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	46	53	0	99
%	46.46	53.54	0.00	100.00
MEAN WEIGHT	87.70	112.58	0.00	101.02
% SAMP. WT.	40.34	59.66	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 148,216,161

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 9/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	32	60	76	34	13	26	11	7	37	296
% AT AGE	0.00	0.00	12.36	23.17	29.34	13.13	5.02	10.04	4.25	2.70	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	187.13	198.77	211.45	217.94	224.38	229.69	229.91	240.57	211.62	210.56
- STD. DEV.	0.00	0.00	8.72	9.69	11.80	11.06	13.44	13.61	14.64	12.14	17.26	17.78
WEIGHT - MEAN(gm)	0.00	0.00	81.34	108.22	151.18	153.59	163.00	182.50	195.18	200.57	143.32	140.29
- STD. DEV.	0.00	0.00	11.68	21.68	33.65	36.53	33.80	39.88	32.84	37.02	43.27	45.12

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	4	51	80	21	5	133	0	2
% AT STAGE	0.00	1.35	17.23	27.03	7.09	1.69	44.93	0.00	0.68

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	89	4	61	154
%	57.79	2.60	39.61	100.00
% SAMPLE WEIGHT	7.52	0.49	0.53	8.54

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	140	154	2	296
%	47.30	52.03	0.68	100.00
MEAN WEIGHT	133.32	147.20	96.00	140.29
% SAMP. WT.	44.95	54.59	0.46	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 133,304

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 13/83 - MAR 18/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	10	41	42	42	19	6	6	5	0	27	198
% AT AGE	0.00	5.85	23.98	24.56	24.56	11.11	3.51	3.51	2.92	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	160.90	186.32	198.00	210.83	217.37	217.50	232.83	231.40	0.00	200.33	201.10
- STD. DEV.	0.00	6.44	9.64	9.56	8.73	11.60	9.93	13.12	12.22	0.00	17.90	18.91
WEIGHT - MEAN(gm)	0.00	54.50	84.07	103.52	135.45	132.26	134.50	208.50	176.80	0.00	111.85	113.66
- STD. DEV.	0.00	8.15	16.52	16.94	27.86	31.92	22.35	34.26	45.30	0.00	44.38	40.27

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	14	32	42	5	102	0	2
% AT STAGE	0.00	0.51	7.07	16.16	21.21	2.53	51.52	0.00	1.01

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	22	8	50	80
%	27.50	10.00	62.50	100.00
% SAMPLE WEIGHT	3.67	1.65	0.99	6.30

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	116	80	2	198
%	58.59	40.40	1.01	100.00
MEAN WEIGHT	120.46	105.28	54.50	113.66
% SAMP. WT.	62.09	37.42	0.48	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 172 - NANOOSE BAY

SAMPLE NUMBERS: 81

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 24 DATE: DEC 8/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	81	9	2	0	0	0	0	0	0	8	100
% AT AGE	0.00	88.04	9.78	2.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	145.33	160.33	186.00	0.00	0.00	0.00	0.00	0.00	0.00	148.00	147.71
- STD. DEV.	0.00	5.72	7.21	4.24	0.00	0.00	0.00	0.00	0.00	0.00	7.09	9.12
WEIGHT - MEAN(gm)	0.00	49.83	67.22	87.50	0.00	0.00	0.00	0.00	0.00	0.00	65.13	53.37
- STD. DEV.	0.00	6.87	6.48	9.19	0.00	0.00	0.00	0.00	0.00	0.00	35.61	13.94

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	6	89	5	0	0	0	0	0
% AT STAGE	0.00	6.00	89.00	5.00	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	54	0	0	54
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	46	54	0	100
%	46.00	54.00	0.00	100.00
MEAN WEIGHT	53.54	53.22	0.00	53.37
% SAMP. WT.	46.15	53.85	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 172 - NANOOSE BAY

SAMPLE NUMBERS: 58

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 26/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	10	51	25	8	0	0	0	0	0	6	100
% AT AGE	0.00	10.64	54.26	26.60	8.51	0.00	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.40	181.65	201.16	208.25	0.00	0.00	0.00	0.00	0.00	186.33	186.91
- STD. DEV.	0.00	7.31	10.92	9.10	11.50	0.00	0.00	0.00	0.00	0.00	18.96	16.76
WEIGHT - MEAN(gm)	0.00	60.60	92.69	123.04	139.25	0.00	0.00	0.00	0.00	0.00	102.00	101.35
- STD. DEV.	0.00	10.16	14.28	22.51	20.51	0.00	0.00	0.00	0.00	0.00	33.31	27.61

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	3	29	67	1	0	0	0
% AT STAGE	0.00	0.00	3.00	29.00	67.00	1.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	29	17	0	46
%	63.04	36.96	0.00	100.00
% SAMPLE WEIGHT	11.59	12.11	0.00	23.70

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	54	46	0	100
%	54.00	46.00	0.00	100.00
MEAN WEIGHT	99.30	103.76	0.00	101.35
% SAMP. WT.	52.91	47.09	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 172 - NANOOSE BAY

SAMPLE NUMBERS: 149,233,116,296,146, 59,377,100, 74,378,
103,297,389, 43,108,226, 57,109,391

SOURCE: PRE-FISHERY CHARTER
ROE FISHERY

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 1/83 - MAR 4/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	158	528	490	256	120	40	25	17	2	231	1867
% AT AGE	0.00	9.66	32.27	29.95	15.65	7.33	2.44	1.53	1.04	0.12	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.32	182.13	198.30	207.27	215.48	220.48	225.28	228.47	232.50	196.53	193.69
- STD. DEV.	0.00	8.81	10.64	10.89	10.19	9.60	12.30	10.13	12.98	6.36	16.65	19.27
WEIGHT - MEAN(gm)	0.00	57.70	87.69	117.56	137.26	155.00	171.73	178.40	183.59	186.00	112.53	111.18
- STD. DEV.	0.00	9.01	15.53	20.56	21.78	20.06	26.85	17.77	23.34	19.80	31.28	35.21

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	9	0	11	381	1114	271	81	0	0
% AT STAGE	0.48	0.00	0.59	20.41	59.67	14.52	4.34	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	267	600	38	905
%	29.50	66.30	4.20	100.00
% SAMPLE WEIGHT	4.50	19.35	0.07	23.91

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	962	905	0	1867
%	51.53	48.47	0.00	100.00
MEAN WEIGHT	107.09	115.53	0.00	111.18
% SAMP. WT.	49.63	50.37	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 26, 32

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 20 DATE: NOV 9/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	10	69	54	17	8	2	2	0	0	37	199
% AT AGE	0.00	6.17	42.59	33.33	10.49	4.94	1.23	1.23	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.30	182.99	201.09	205.12	217.00	213.00	230.00	0.00	0.00	192.05	192.68
- STD. DEV.	0.00	8.27	8.13	8.90	10.73	3.78	5.66	8.49	0.00	0.00	18.55	16.37
WEIGHT - MEAN(gm)	0.00	73.50	105.90	139.91	152.94	186.88	164.50	220.00	0.00	0.00	126.00	126.25
- STD. DEV.	0.00	11.58	16.01	20.55	23.67	18.06	36.06	1.41	0.00	0.00	36.11	34.01

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	2	136	61	0	0	0	0	0
% AT STAGE	0.00	1.01	68.34	30.65	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	84	0	0	84
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	115	84	0	199
%	57.79	42.21	0.00	100.00
MEAN WEIGHT	125.10	127.82	0.00	126.25
% SAMP. WT.	57.26	42.74	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 29, 54, 3, 23, 58, 27, 22

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 21 DATE: NOV 15/82 - NOV 19/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	43	299	121	52	19	8	5	2	0	143	692
% AT AGE	0.00	7.83	54.46	22.04	9.47	3.46	1.46	0.91	0.36	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.79	182.07	196.43	205.77	211.58	218.13	224.80	223.00	0.00	190.38	188.35
- STD. DEV.	0.00	8.91	8.90	10.21	7.68	8.10	7.10	8.64	8.49	0.00	14.21	15.72
WEIGHT - MEAN(gm)	0.00	69.28	102.30	129.63	149.42	166.95	179.38	185.40	202.50	0.00	116.70	115.10
- STD. DEV.	0.00	13.34	14.84	20.39	16.65	20.51	19.53	14.98	0.71	0.00	26.34	29.40

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	31	467	192	0	0	0	0	0
% AT STAGE	0.29	4.48	67.49	27.75	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	352	0	0	352
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	340	352	0	692
%	49.13	50.87	0.00	100.00
MEAN WEIGHT	113.97	116.19	0.00	115.10
% SAMP. WT.	48.65	51.35	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 67, 25, 15

SOURCE: RESEARCH - INSHORE
FOOD FISHERY

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 22/82 - NOV 25/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	45	59	40	26	6	8	9	2	77	272
% AT AGE	0.00	0.00	23.08	30.26	20.51	13.33	3.08	4.10	4.62	1.03	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	183.98	199.69	206.85	215.92	224.50	226.25	229.78	230.00	199.44	202.17
- STD. DEV.	0.00	0.00	9.55	8.28	9.24	8.72	6.53	4.95	10.54	0.00	16.62	16.43
WEIGHT - MEAN(gm)	0.00	0.00	102.02	132.12	150.13	166.73	187.17	199.00	213.00	197.50	133.39	139.79
- STD. DEV.	0.00	0.00	15.01	19.28	18.99	18.45	11.21	17.84	25.96	33.23	33.51	35.37

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	3	116	153	0	0	0	0	0
% AT STAGE	0.00	1.10	42.65	56.25	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	137	0	0	137
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	135	137	0	272
%	49.63	50.37	0.00	100.00
MEAN WEIGHT	137.86	141.70	0.00	139.79
% SAMP. WT.	48.95	51.05	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 33, 38, 47, 52, 64, 28, 55

SOURCE: FOOD FISHERY
RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 23 DATE: NOV 29/82 - DEC 1/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	12	225	146	67	46	10	6	1	0	180	693
% AT AGE	0.00	2.34	43.86	28.46	13.06	8.97	1.95	1.17	0.19	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.17	182.66	201.33	209.42	215.20	222.60	228.83	242.00	0.00	198.25	196.04
- STD. DEV.	0.00	4.65	10.82	9.98	7.89	8.97	6.75	8.35	0.00	0.00	16.06	17.08
WEIGHT - MEAN(gm)	0.00	69.33	105.12	134.42	152.97	164.41	185.70	190.67	215.00	0.00	128.20	127.29
- STD. DEV.	0.00	7.88	15.37	19.33	17.98	20.58	15.51	19.11	0.00	0.00	30.38	30.63

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	5	327	358	3	0	0	0	0
% AT STAGE	0.00	0.72	47.19	51.66	0.43	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	336	0	0	336
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	357	336	0	693
%	51.52	48.48	0.00	100.00
MEAN WEIGHT	125.81	128.86	0.00	127.29
% SAMP. WT.	50.92	49.08	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 83, 66, 79, 80

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 24 DATE: DEC 7/82 - DEC 8/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	5	116	106	37	15	4	4	0	0	111	398
% AT AGE	0.00	1.74	40.42	36.93	12.89	5.23	1.39	1.39	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	165.80	183.82	198.62	207.65	218.13	216.25	222.00	0.00	0.00	194.33	194.69
- STD. DEV.	0.00	7.36	8.07	7.79	9.48	6.64	11.81	12.70	0.00	0.00	13.47	13.98
WEIGHT - MEAN(gm)	0.00	73.80	102.40	130.22	145.78	173.87	170.25	175.00	0.00	0.00	120.36	122.60
- STD. DEV.	0.00	7.12	11.26	18.75	21.32	21.84	31.31	34.77	0.00	0.00	27.27	27.87

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	2	115	250	31	0	0	0	0
% AT STAGE	0.00	0.50	28.89	62.81	7.79	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	199	0	0	199
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	199	199	0	398
%	50.00	50.00	0.00	100.00
MEAN WEIGHT	120.01	125.18	0.00	122.60
% SAMP. WT.	48.95	51.05	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 34, 46, 23

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 22/83 - FEB 26/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	16	83	80	42	20	2	9	0	0	46	298
% AT AGE	0.00	6.35	32.94	31.75	16.67	7.94	0.79	3.57	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	158.44	178.92	195.69	205.74	216.50	223.50	224.89	0.00	0.00	192.57	192.42
- STD. DEV.	0.00	8.31	10.71	12.13	9.36	10.90	0.71	13.03	0.00	0.00	14.84	18.72
WEIGHT - MEAN(gm)	0.00	58.94	90.87	121.60	145.74	163.45	172.00	186.78	0.00	0.00	115.00	117.17
- STD. DEV.	0.00	8.09	13.64	21.31	21.93	22.90	28.28	27.13	0.00	0.00	27.91	34.99

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	2	160	118	18	0	0	0
% AT STAGE	0.00	0.00	0.67	53.69	39.60	6.04	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	94	46	0	140
%	67.14	32.86	0.00	100.00
% SAMPLE WEIGHT	13.45	9.57	0.00	23.02

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	158	140	0	298
%	53.02	46.98	0.00	100.00
MEAN WEIGHT	108.81	126.61	0.00	117.17
% SAMP. WT.	49.24	50.76	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 84,199

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: FEB 27/83 - MAR 4/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	60	51	30	19	5	4	2	0	25	200
% AT AGE	0.00	2.29	34.29	29.14	17.14	10.86	2.86	2.29	1.14	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.75	181.32	195.90	203.83	209.05	217.60	225.75	234.50	0.00	195.24	194.73
- STD. DEV.	0.00	8.66	9.91	8.06	8.77	9.63	7.16	7.23	0.71	0.00	11.63	15.53
WEIGHT - MEAN(gm)	0.00	63.25	91.22	116.39	132.63	148.26	162.00	178.50	202.50	0.00	115.40	116.36
- STD. DEV.	0.00	9.36	15.97	14.06	18.39	22.39	15.75	9.33	9.19	0.00	23.68	29.74

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	2	74	115	9	0	0	0
% AT STAGE	0.00	0.00	1.00	37.00	57.50	4.50	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	55	48	0	103
%	53.40	46.60	0.00	100.00
% SAMPLE WEIGHT	12.10	11.93	0.00	24.03

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	97	103	0	200
%	48.50	51.50	0.00	100.00
MEAN WEIGHT	112.96	119.56	0.00	116.36
% SAMP. WT.	47.08	52.92	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 220, 94,154

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 11/83 - MAR 12/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	19	92	65	43	22	5	9	2	1	42	300
% AT AGE	0.00	7.36	35.66	25.19	16.67	8.53	1.94	3.49	0.78	0.39	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.37	186.85	200.51	209.35	218.00	227.60	223.67	229.50	249.00	198.07	197.74
- STD. DEV.	0.00	7.43	10.66	9.16	7.65	6.65	14.60	12.98	2.12	0.00	14.20	17.65
WEIGHT - MEAN(gm)	0.00	60.37	90.63	115.08	131.05	150.86	166.60	159.33	203.00	198.00	109.12	111.24
- STD. DEV.	0.00	7.90	17.86	20.49	18.25	19.71	28.25	26.71	2.83	0.00	34.17	33.59

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	10	212	30	48	0	0
% AT STAGE	0.00	0.00	0.00	3.33	70.67	10.00	16.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	4	138	25	167
%	2.40	82.63	14.97	100.00
% SAMPLE WEIGHT	0.73	15.82	0.08	16.64

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	133	167	0	300
%	44.33	55.67	0.00	100.00
MEAN WEIGHT	104.55	116.57	0.00	111.24
% SAMP. WT.	41.67	58.33	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 229

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 14/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	2	34	24	19	3	4	1	0	0	11	98
% AT AGE	0.00	2.30	39.08	27.59	21.84	3.45	4.60	1.15	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.00	187.15	200.21	208.79	215.33	218.75	230.00	0.00	0.00	198.64	197.95
- STD. DEV.	0.00	2.83	9.35	9.27	12.09	6.66	6.50	0.00	0.00	0.00	14.88	15.14
WEIGHT - MEAN(gm)	0.00	45.50	75.09	90.46	105.05	111.00	117.00	126.00	0.00	0.00	92.09	89.30
- STD. DEV.	0.00	0.71	10.80	13.33	17.26	16.09	14.05	0.00	0.00	0.00	29.38	21.40

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	0	3	1	94	0	0
% AT STAGE	0.00	0.00	0.00	0.00	3.06	1.02	95.92	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	1	33	34
%	0.00	2.94	97.06	100.00
% SAMPLE WEIGHT	0.00	1.76	2.07	3.83

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	64	34	0	98
%	65.31	34.69	0.00	100.00
MEAN WEIGHT	86.16	95.21	0.00	89.30
% SAMP. WT.	63.01	36.99	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 181 - OTHER AREA 18

SAMPLE NUMBERS: 21

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 25/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	21	16	16	13	2	3	5	0	23	99
% AT AGE	0.00	0.00	27.63	21.05	21.05	17.11	2.63	3.95	6.58	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	188.29	205.00	210.06	218.85	221.00	231.00	236.60	0.00	208.57	207.63
- STD. DEV.	0.00	0.00	6.09	7.17	7.52	7.16	4.24	3.61	12.42	0.00	18.62	16.65
WEIGHT - MEAN(gm)	0.00	0.00	98.05	126.63	138.63	154.77	158.00	166.00	192.60	0.00	133.65	132.99
- STD. DEV.	0.00	0.00	11.39	17.44	20.91	18.62	21.21	11.53	31.35	0.00	35.32	32.77

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	63	36	0	0	0	0
% AT STAGE	0.00	0.00	0.00	63.64	36.36	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	38	4	0	42
%	90.48	9.52	0.00	100.00
% SAMPLE WEIGHT	20.27	2.72	0.00	22.99

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	57	42	0	99
%	57.58	42.42	0.00	100.00
MEAN WEIGHT	130.39	136.52	0.00	132.99
% SAMP. WT.	56.45	43.55	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 181 - OTHER AREA 18

SAMPLE NUMBERS: 121,219,143

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 10/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	12	80	95	35	14	8	6	2	1	42	295
% AT AGE	0.00	4.74	31.62	37.55	13.83	5.53	3.16	2.37	0.79	0.40	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.25	186.29	199.24	206.14	212.29	218.88	223.50	229.50	232.00	194.69	196.44
- STD. DEV.	0.00	8.70	9.10	9.52	9.80	10.28	6.42	14.20	7.78	0.00	16.22	15.75
WEIGHT - MEAN(gm)	0.00	60.17	79.34	96.93	107.31	118.14	132.88	144.17	148.00	152.00	92.48	94.74
- STD. DEV.	0.00	9.58	9.96	12.76	14.16	16.27	10.12	25.86	19.80	0.00	21.89	21.89

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	0	0	5	16	4	267	0	1
% AT STAGE	0.68	0.00	0.00	1.69	5.42	1.36	90.51	0.00	0.34

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	6	3	116	125
%	4.80	2.40	92.80	100.00
% SAMPLE WEIGHT	0.57	0.32	2.01	2.91

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	169	125	1	295
%	57.29	42.37	0.34	100.00
MEAN WEIGHT	93.92	96.22	48.00	94.74
% SAMP. WT.	56.79	43.04	0.17	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 183 - PLUMPER SOUND

SAMPLE NUMBERS: 22

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 24/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	18	21	13	15	6	1	4	0	21	100
% AT AGE	0.00	1.27	22.78	26.58	16.46	18.99	7.59	1.27	5.06	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	169.00	182.78	199.57	212.08	219.60	225.67	234.00	229.25	0.00	202.14	204.51
- STD. DEV.	0.00	0.00	10.44	9.47	7.78	10.27	9.18	0.00	8.34	0.00	18.14	18.43
WEIGHT - MEAN(gm)	0.00	74.00	92.61	119.48	148.00	163.13	167.83	196.00	189.50	0.00	125.19	132.11
- STD. DEV.	0.00	0.00	13.11	19.00	21.62	24.12	28.88	0.00	23.56	0.00	35.17	36.64

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	4	87	8	0	0	0	0
% AT STAGE	0.00	1.00	4.00	87.00	8.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	47	3	0	50
%	94.00	6.00	0.00	100.00
% SAMPLE WEIGHT	18.53	1.91	0.00	20.44

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	50	50	0	100
%	50.00	50.00	0.00	100.00
MEAN WEIGHT	133.22	131.00	0.00	132.11
% SAMP. WT.	50.42	49.58	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 183 - PLUMPER SOUND

SAMPLE NUMBERS: 134

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 16/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	2	26	35	10	4	0	3	1	0	17	98
% AT AGE	0.00	2.47	32.10	43.21	12.35	4.94	0.00	3.70	1.23	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	174.50	189.00	199.46	208.80	214.50	0.00	222.33	235.00	0.00	196.12	198.22
- STD. DEV.	0.00	3.54	8.82	8.64	5.43	5.74	0.00	12.01	0.00	0.00	12.72	13.04
WEIGHT - MEAN(gm)	0.00	64.00	79.42	95.43	104.20	120.75	0.00	124.33	151.00	0.00	90.88	93.13
- STD. DEV.	0.00	7.07	10.46	10.12	8.05	13.15	0.00	15.89	0.00	0.00	13.27	17.02

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	1	2	1	94	0	0
% AT STAGE	0.00	0.00	0.00	1.02	2.04	1.02	95.92	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	1	44	45
%	0.00	2.22	97.78	100.00
% SAMPLE WEIGHT	0.00	0.47	1.94	2.40

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	53	45	0	98
%	54.08	45.92	0.00	100.00
MEAN WEIGHT	91.34	95.24	0.00	93.13
% SAMP. WT.	53.04	46.96	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 191 - OTHER AREA 19

SAMPLE NUMBERS: 53, 56, 50, 48

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 24/82 - NOV 26/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	18	114	90	33	10	5	3	3	0	123	399
% AT AGE	0.00	6.52	41.30	32.61	11.96	3.62	1.81	1.09	1.09	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	163.94	184.54	196.54	207.58	216.60	226.40	229.00	223.33	0.00	193.59	192.97
- STD. DEV.	0.00	9.08	9.57	10.49	10.07	9.77	5.41	2.65	6.43	0.00	13.71	15.70
WEIGHT - MEAN(gm)	0.00	69.61	100.26	121.52	147.85	171.80	198.00	189.00	193.00	0.00	116.66	117.05
- STD. DEV.	0.00	11.77	16.28	22.22	23.15	21.59	16.08	17.35	24.98	0.00	27.19	31.38

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	32	251	116	0	0	0	0	0
% AT STAGE	0.00	8.02	62.91	29.07	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	203	0	0	203
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	196	203	0	399
%	49.12	50.88	0.00	100.00
MEAN WEIGHT	112.17	121.75	0.00	117.05
% SAMP. WT.	47.08	52.92	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 231 - OTHER AREA 23

SAMPLE NUMBERS: 171,248

SOURCE: PRE-FISHERY CHARTER
ROE FISHERY

GEAR: HERRING SEINE

WEEK: 36 DATE: FEB 27/83 - MAR 1/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	5	44	46	50	22	6	7	1	1	18	200
% AT AGE	0.00	2.75	24.18	25.27	27.47	12.09	3.30	3.85	0.55	0.55	0.00	100.00
LENGTH - MEAN(mm)	0.00	166.00	189.55	203.83	212.80	217.18	225.17	224.57	224.00	236.00	202.11	204.93
- STD. DEV.	0.00	12.88	8.17	9.52	8.09	7.03	5.42	6.40	0.00	0.00	16.99	15.57
WEIGHT - MEAN(gm)	0.00	63.00	99.02	126.20	148.28	160.45	186.67	172.71	176.00	213.00	129.61	132.36
- STD. DEV.	0.00	17.29	13.38	21.28	18.18	13.97	17.73	22.57	0.00	0.00	36.80	33.22

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	6	116	78	0	0	0
% AT STAGE	0.00	0.00	0.00	3.00	58.00	39.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	3	102	0	105
%	2.86	97.14	0.00	100.00
% SAMPLE WEIGHT	0.55	28.55	0.00	29.10

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	95	105	0	200
%	47.50	52.50	0.00	100.00
MEAN WEIGHT	127.63	136.64	0.00	132.36
% SAMP. WT.	45.80	54.20	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 231 - OTHER AREA 23

SAMPLE NUMBERS: 167

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 11/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	9	23	19	14	9	4	0	1	21	100
% AT AGE	0.00	0.00	11.39	29.11	24.05	17.72	11.39	5.06	0.00	1.27	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	182.00	196.61	207.79	217.93	225.56	229.25	0.00	237.00	200.00	205.43
- STD. DEV.	0.00	0.00	15.63	9.64	10.02	6.99	7.30	5.56	0.00	0.00	12.89	16.46
WEIGHT - MEAN(gm)	0.00	0.00	84.56	110.09	129.47	157.36	169.00	167.25	0.00	169.00	115.00	127.30
- STD. DEV.	0.00	0.00	24.35	17.96	18.94	21.62	18.67	18.12	0.00	0.00	30.61	33.31

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	2	67	29	2	0	0
% AT STAGE	0.00	0.00	0.00	2.00	67.00	29.00	2.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	51	0	52
%	1.92	98.08	0.00	100.00
% SAMPLE WEIGHT	0.14	31.50	0.00	31.64

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	48	52	0	100
%	48.00	52.00	0.00	100.00
MEAN WEIGHT	118.04	135.85	0.00	127.30
% SAMP. WT.	44.51	55.49	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 232 - MACOAH PASS

SAMPLE NUMBERS: 293,240

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 24/83 - FEB 26/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	22	47	42	27	8	8	2	3	31	193
% AT AGE	0.00	1.85	13.58	29.01	25.93	16.67	4.94	4.94	1.23	1.85	0.00	100.00
LENGTH - MEAN(mm)	0.00	166.00	187.05	200.47	207.26	221.78	222.00	230.00	236.50	238.00	204.03	206.51
- STD. DEV.	0.00	7.81	11.05	9.16	8.79	8.35	6.82	9.49	2.12	6.08	16.34	16.64
WEIGHT - MEAN(gm)	0.00	63.33	95.73	120.06	139.36	173.41	179.50	181.00	203.50	213.00	132.16	137.31
- STD. DEV.	0.00	10.21	18.02	17.20	21.05	24.81	17.53	21.35	12.02	28.83	35.05	36.72

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	32	120	41	0	0	0
% AT STAGE	0.00	0.00	0.00	16.58	62.18	21.24	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	28	68	0	96
%	29.17	70.83	0.00	100.00
% SAMPLE WEIGHT	6.02	23.06	0.00	29.08

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	97	96	0	193
%	50.26	49.74	0.00	100.00
MEAN WEIGHT	135.09	139.55	0.00	137.31
% SAMP. WT.	49.45	50.55	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 232 - MACOAH PASS

SAMPLE NUMBERS: 301,278, 53,280,271,251,225,361,252,406, 51, 73,292

SOURCE: ROE FISHERY
PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: FEB 27/83 - MAR 5/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	37	213	257	264	202	53	68	22	21	141	1278
% AT AGE	0.00	3.25	18.73	22.60	23.22	17.77	4.66	5.98	1.93	1.85	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.22	186.76	199.26	208.81	216.13	219.94	225.59	233.59	231.81	200.67	204.20
- STD. DEV.	0.00	7.27	8.83	9.18	9.81	8.62	11.57	10.20	8.06	8.98	16.61	17.63
WEIGHT - MEAN(gm)	0.00	58.22	98.14	122.94	143.79	158.93	168.77	180.06	203.00	189.38	125.63	134.64
- STD. DEV.	0.00	7.71	14.25	18.33	20.72	19.94	22.47	22.32	22.58	16.30	32.82	35.47

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	2	81	934	259	1	0	0
% AT STAGE	0.00	0.08	0.16	6.34	73.08	20.27	0.08	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	63	516	0	579
%	10.88	89.12	0.00	100.00
% SAMPLE WEIGHT	2.22	27.14	0.00	29.36

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	699	579	0	1278
%	54.69	45.31	0.00	100.00
MEAN WEIGHT	129.26	141.12	0.00	134.64
% SAMP. WT.	52.51	47.49	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 232 - MACOAH PASS

SAMPLE NUMBERS: 166

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 6/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	18	30	18	12	10	0	3	0	0	9	100
% AT AGE	0.00	19.78	32.97	19.78	13.19	10.99	0.00	3.30	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	161.28	180.17	197.72	208.17	214.40	0.00	233.33	0.00	0.00	198.56	189.96
- STD. DEV.	0.00	5.90	10.59	9.38	6.94	5.15	0.00	1.53	0.00	0.00	16.30	20.91
WEIGHT - MEAN(gm)	0.00	61.06	92.43	129.61	149.08	164.60	0.00	204.67	0.00	0.00	133.11	114.52
- STD. DEV.	0.00	6.50	17.64	25.15	21.82	19.80	0.00	7.77	0.00	0.00	32.88	42.06

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	0	5	94	0	0	0	0
% AT STAGE	0.00	1.00	0.00	5.00	94.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	4	40	0	44
%	9.09	90.91	0.00	100.00
% SAMPLE WEIGHT	1.66	28.33	0.00	30.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	56	44	0	100
%	56.00	44.00	0.00	100.00
MEAN WEIGHT	95.09	139.25	0.00	114.52
% SAMP. WT.	46.50	53.50	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 233 - MAYNE BAY

SAMPLE NUMBERS: 279

SOURCE: ROE FISHERY

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 1/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	4	5	3	4	0	1	0	0	4	21
% AT AGE	0.00	0.00	23.53	29.41	17.65	23.53	0.00	5.88	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	191.25	196.80	209.67	221.75	0.00	235.00	0.00	0.00	207.75	206.24
- STD. DEV.	0.00	0.00	7.41	7.73	13.20	3.59	0.00	0.00	0.00	0.00	14.01	15.10
WEIGHT - MEAN(gm)	0.00	0.00	98.25	113.20	137.33	166.25	0.00	192.00	0.00	0.00	126.50	130.19
- STD. DEV.	0.00	0.00	16.19	9.81	20.55	8.62	0.00	0.00	0.00	0.00	28.07	31.11

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	0	11	10	0	0	0
% AT STAGE	0.00	0.00	0.00	0.00	52.38	47.62	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	6	0	6
%	0.00	100.00	0.00	100.00
% SAMPLE WEIGHT	0.00	31.66	0.00	31.66

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	15	6	0	21
%	71.43	28.57	0.00	100.00
MEAN WEIGHT	130.47	129.50	0.00	130.19
% SAMP. WT.	71.58	28.42	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 243 - SYDNEY INLET

SAMPLE NUMBERS: 42

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 26/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	5	25	23	14	22	2	5	0	0	2	98
% AT AGE	0.00	5.21	26.04	23.96	14.58	22.92	2.08	5.21	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.60	181.88	196.61	205.21	209.05	219.50	220.60	0.00	0.00	168.00	195.99
- STD. DEV.	0.00	9.61	9.05	9.20	6.62	6.11	0.71	4.51	0.00	0.00	11.31	17.22
WEIGHT - MEAN(gm)	0.00	61.20	93.44	121.09	138.71	148.55	163.00	168.80	0.00	0.00	71.50	121.94
- STD. DEV.	0.00	12.58	17.04	23.38	14.44	18.14	14.14	16.72	0.00	0.00	16.26	33.45

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	1	45	51	0	0	0	0
% AT STAGE	0.00	1.02	1.02	45.92	52.04	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	21	32	0	53
%	39.62	60.38	0.00	100.00
% SAMPLE WEIGHT	8.25	17.41	0.00	25.66

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	45	53	0	98
%	45.92	54.08	0.00	100.00
MEAN WEIGHT	117.64	125.58	0.00	121.94
% SAMP. WT.	44.30	55.70	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 243 - SYDNEY INLET

SAMPLE NUMBERS: 49,222,218

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: FEB 27/83 - MAR 5/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	29	95	40	41	31	10	14	2	0	36	298
% AT AGE	0.00	11.07	36.26	15.27	15.65	11.83	3.82	5.34	0.76	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	162.55	184.56	196.70	206.73	216.48	218.80	224.64	233.00	0.00	197.36	195.32
- STD. DEV.	0.00	7.37	9.54	8.75	10.06	8.12	10.72	8.43	1.41	0.00	18.14	19.64
WEIGHT - MEAN(gm)	0.00	65.21	90.20	112.40	132.85	151.97	160.70	170.21	182.00	0.00	115.83	112.88
- STD. DEV.	0.00	8.01	14.92	16.35	24.00	24.91	26.23	18.93	5.66	0.00	32.41	35.76

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	2	0	102	135	53	4	0	1
% AT STAGE	0.34	0.67	0.00	34.23	45.30	17.79	1.34	0.00	0.34

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	75	87	1	163
%	46.01	53.37	0.61	100.00
% SAMPLE WEIGHT	7.42	17.82	0.01	25.25

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	134	163	1	298
%	44.97	54.70	0.34	100.00
MEAN WEIGHT	115.40	111.09	67.00	112.88
% SAMP. WT.	45.97	53.83	0.20	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 244 - WHITEPINE COVE

SAMPLE NUMBERS: 48

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 26/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	6	41	29	10	6	3	0	0	0	5	100
% AT AGE	0.00	6.32	43.16	30.53	10.53	6.32	3.16	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	163.83	187.17	192.72	214.90	220.67	222.33	0.00	0.00	0.00	208.20	194.27
- STD. DEV.	0.00	4.07	9.86	11.59	5.20	12.74	7.37	0.00	0.00	0.00	12.70	17.12
WEIGHT - MEAN(gm)	0.00	64.33	94.71	108.76	144.20	168.67	179.33	0.00	0.00	0.00	127.00	110.50
- STD. DEV.	0.00	5.43	18.18	22.40	11.48	29.62	25.93	0.00	0.00	0.00	22.43	32.83

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	1	67	30	1	0	0	0
% AT STAGE	0.00	1.00	1.00	67.00	30.00	1.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	64	9	0	73
%	87.67	12.33	0.00	100.00
% SAMPLE WEIGHT	18.61	4.58	0.00	23.19

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	27	73	0	100
%	27.00	73.00	0.00	100.00
MEAN WEIGHT	106.74	111.89	0.00	110.50
% SAMP. WT.	26.08	73.92	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 244 - WHITEPINE COVE

SAMPLE NUMBERS: 242

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 2/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	18	20	23	17	2	5	2	0	12	100
% AT AGE	0.00	1.14	20.45	22.73	26.14	19.32	2.27	5.68	2.27	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	165.00	186.67	200.00	210.26	219.88	235.00	225.80	217.50	0.00	202.83	205.67
- STD. DEV.	0.00	0.00	9.81	8.02	11.69	8.60	7.07	10.18	14.85	0.00	9.79	16.09
WEIGHT - MEAN(gm)	0.00	63.00	91.17	116.90	139.83	160.18	203.00	168.60	158.50	0.00	127.33	130.75
- STD. DEV.	0.00	0.00	19.09	18.95	25.16	19.11	16.97	30.04	34.65	0.00	20.97	34.12

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	1	13	83	3	0	0	0
% AT STAGE	0.00	0.00	1.00	13.00	83.00	3.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	13	42	0	55
%	23.64	76.36	0.00	100.00
% SAMPLE WEIGHT	3.68	24.10	0.00	27.78

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	45	55	0	100
%	45.00	55.00	0.00	100.00
MEAN WEIGHT	127.53	133.38	0.00	130.75
% SAMP. WT.	43.89	56.11	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 245 - MEARES ISLAND

SAMPLE NUMBERS: 145,245

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: MAR 4/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	7	48	38	38	34	3	7	0	1	24	200
% AT AGE	0.00	3.98	27.27	21.59	21.59	19.32	1.70	3.98	0.00	0.57	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.71	185.44	198.29	206.21	215.50	216.00	230.71	0.00	243.00	201.08	200.24
- STD. DEV.	0.00	3.35	9.15	10.46	9.12	7.26	4.36	10.45	0.00	0.00	18.53	17.65
WEIGHT - MEAN(gm)	0.00	58.00	90.29	117.11	136.29	152.12	156.00	183.57	0.00	194.00	124.33	122.36
- STD. DEV.	0.00	3.11	16.10	21.39	21.49	17.80	17.35	19.39	0.00	0.00	34.75	34.66

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	12	171	17	0	0	0
% AT STAGE	0.00	0.00	0.00	6.00	85.50	8.50	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	7	85	0	92
%	7.61	92.39	0.00	100.00
% SAMPLE WEIGHT	1.38	28.04	0.00	29.42

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	108	92	0	200
%	54.00	46.00	0.00	100.00
MEAN WEIGHT	113.60	132.64	0.00	122.36
% SAMP. WT.	50.13	49.87	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 245 - MEARES ISLAND

SAMPLE NUMBERS: 105, 79,238, 77

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 7/83 - MAR 12/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	13	95	83	83	58	15	23	4	2	22	398
% AT AGE	0.00	3.46	25.27	22.07	22.07	15.43	3.99	6.12	1.06	0.53	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.38	181.45	196.00	210.11	215.29	221.33	228.17	230.75	229.00	199.64	200.62
- STD. DEV.	0.00	6.84	12.14	11.35	12.88	8.53	12.56	10.33	9.29	1.41	19.48	20.29
WEIGHT - MEAN(gm)	0.00	62.15	92.08	114.12	143.65	152.14	166.73	176.09	186.00	193.50	127.82	126.30
- STD. DEV.	0.00	10.93	16.00	19.14	26.68	23.30	22.87	28.29	43.61	27.58	38.92	37.35

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	22	367	8	1	0	0
% AT STAGE	0.00	0.00	0.00	5.53	92.21	2.01	0.25	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	14	209	0	223
%	6.28	93.72	0.00	100.00
% SAMPLE WEIGHT	1.05	28.33	0.00	29.38

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	174	223	1	398
%	43.72	56.03	0.25	100.00
MEAN WEIGHT	118.84	132.07	138.00	126.30
% SAMP. WT.	41.14	58.59	0.27	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 251 - OTHER AREA 25

SAMPLE NUMBERS: 358

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 39 DATE: MAR 24/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	10	29	14	2	41	1	0	0	0	3	100
% AT AGE	0.00	10.31	29.90	14.43	2.06	42.27	1.03	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	160.60	177.14	192.14	203.00	208.05	225.00	0.00	0.00	0.00	208.33	192.19
- STD. DEV.	0.00	5.78	6.33	9.42	5.66	8.75	0.00	0.00	0.00	0.00	8.02	18.74
WEIGHT - MEAN(gm)	0.00	57.30	78.31	105.43	127.00	139.46	167.00	0.00	0.00	0.00	147.33	109.01
- STD. DEV.	0.00	8.96	8.33	16.28	12.73	19.69	0.00	0.00	0.00	0.00	28.88	35.41

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	32	66	2	0	0	0
% AT STAGE	0.00	0.00	0.00	32.00	66.00	2.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	22	30	0	52
%	42.31	57.69	0.00	100.00
% SAMPLE WEIGHT	9.86	16.94	0.00	26.80

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	48	52	0	100
%	48.00	52.00	0.00	100.00
MEAN WEIGHT	97.81	119.35	0.00	109.01
% SAMP. WT.	43.07	56.93	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 252 - WEST NOOTKA

SAMPLE NUMBERS: 60

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 25/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	7	31	7	15	19	3	3	0	0	15	100
% AT AGE	0.00	8.24	36.47	8.24	17.65	22.35	3.53	3.53	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.86	183.13	195.14	202.20	211.53	216.00	216.67	0.00	0.00	187.60	193.26
- STD. DEV.	0.00	5.01	7.77	6.39	9.49	7.32	12.77	5.51	0.00	0.00	15.91	17.58
WEIGHT - MEAN(gm)	0.00	59.29	92.45	111.00	126.67	141.05	160.00	154.33	0.00	0.00	98.27	110.55
- STD. DEV.	0.00	4.39	11.36	14.17	17.77	21.42	26.46	15.37	0.00	0.00	25.26	30.84

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	11	73	16	0	0	0
% AT STAGE	0.00	0.00	0.00	11.00	73.00	16.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	7	53	0	60
%	11.67	88.33	0.00	100.00
% SAMPLE WEIGHT	2.06	25.66	0.00	27.72

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	40	60	0	100
%	40.00	60.00	0.00	100.00
MEAN WEIGHT	98.18	118.80	0.00	110.55
% SAMP. WT.	35.52	64.48	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 253 - NUCHATLITZ INLET

SAMPLE NUMBERS: 44, 27, 54

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 35 DATE: FEB 25/83 - FEB 26/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	44	52	63	64	17	17	1	0	38	300
% AT AGE	0.00	1.53	16.79	19.85	24.05	24.43	6.49	6.49	0.38	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.00	181.00	193.63	201.17	208.11	211.35	210.71	233.00	0.00	201.03	199.00
- STD. DEV.	0.00	10.03	7.07	9.10	7.57	8.63	8.92	9.01	0.00	0.00	14.69	14.18
WEIGHT - MEAN(gm)	0.00	53.50	86.43	112.33	129.02	144.98	147.06	149.06	171.00	0.00	126.13	124.21
- STD. DEV.	0.00	9.68	12.44	17.28	16.52	19.89	18.46	18.25	0.00	0.00	32.04	29.13

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	0	107	181	11	0	0	0
% AT STAGE	0.00	0.33	0.00	35.67	60.33	3.67	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	75	82	0	157
%	47.77	52.23	0.00	100.00
% SAMPLE WEIGHT	9.46	16.49	0.00	25.95

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	143	157	0	300
%	47.67	52.33	0.00	100.00
MEAN WEIGHT	119.79	128.24	0.00	124.21
% SAMP. WT.	45.97	54.03	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 253 - NUCHATLITZ INLET

SAMPLE NUMBERS: 47

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 36 DATE: FEB 27/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	4	13	25	36	11	8	0	0	3	100
% AT AGE	0.00	0.00	4.12	13.40	25.77	37.11	11.34	8.25	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	184.75	203.62	210.48	215.36	221.27	221.75	0.00	0.00	209.67	212.38
- STD. DEV.	0.00	0.00	12.09	4.43	6.11	6.92	4.69	7.21	0.00	0.00	19.73	10.38
WEIGHT - MEAN(gm)	0.00	0.00	93.00	125.85	142.80	149.75	156.91	161.25	0.00	0.00	131.67	143.80
- STD. DEV.	0.00	0.00	19.17	11.00	16.49	18.21	15.17	10.40	0.00	0.00	24.79	21.45

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	15	64	21	0	0	0
% AT STAGE	0.00	0.00	0.00	15.00	64.00	21.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	7	49	0	56
%	12.50	87.50	0.00	100.00
% SAMPLE WEIGHT	2.41	25.41	0.00	27.82

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	44	56	0	100
%	44.00	56.00	0.00	100.00
MEAN WEIGHT	141.75	145.41	0.00	143.80
% SAMP. WT.	43.37	56.63	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 272 - BROOKS BAY

SAMPLE NUMBERS: 168

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 37 DATE: MAR 10/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	10	15	5	9	0	4	0	0	2	48
% AT AGE	0.00	6.52	21.74	32.61	10.87	19.57	0.00	8.70	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	154.67	184.50	198.07	205.80	214.11	0.00	216.75	0.00	0.00	189.50	197.54
- STD. DEV.	0.00	5.86	6.59	5.98	3.03	7.03	0.00	6.34	0.00	0.00	10.61	16.80
WEIGHT - MEAN(gm)	0.00	49.67	92.10	113.67	121.40	133.11	0.00	136.50	0.00	0.00	101.00	111.00
- STD. DEV.	0.00	6.03	13.08	16.10	13.83	20.84	0.00	23.81	0.00	0.00	19.80	27.01

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	0	29	13	6	0	0
% AT STAGE	0.00	0.00	0.00	0.00	60.42	27.08	12.50	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	14	4	18
%	0.00	77.78	22.22	100.00
% SAMPLE WEIGHT	0.00	23.12	0.43	23.54

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	30	18	0	48
%	62.50	37.50	0.00	100.00
MEAN WEIGHT	107.23	117.28	0.00	111.00
% SAMP. WT.	60.38	39.62	0.00	100.00

TABLE 15 (CONT.) SEINE SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 273 - WINTER HARBOUR

SAMPLE NUMBERS: 174

SOURCE: PRE-FISHERY CHARTER

GEAR: HERRING SEINE

WEEK: 38 DATE: MAR 13/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	11	17	6	20	0	0	0	0	2	57
% AT AGE	0.00	1.82	20.00	30.91	10.91	36.36	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	173.00	188.55	201.82	207.33	213.25	0.00	0.00	0.00	0.00	209.50	203.61
- STD. DEV.	0.00	0.00	8.51	6.26	7.23	10.72	0.00	0.00	0.00	0.00	6.36	12.91
WEIGHT - MEAN(gm)	0.00	54.00	85.00	99.18	108.00	124.95	0.00	0.00	0.00	0.00	113.50	106.12
- STD. DEV.	0.00	0.00	14.74	16.32	19.89	29.89	0.00	0.00	0.00	0.00	19.09	27.20

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	3	18	0	36	0	0
% AT STAGE	0.00	0.00	0.00	5.26	31.58	0.00	63.16	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	0	11	25	36
%	0.00	30.56	69.44	100.00
% SAMPLE WEIGHT	0.00	10.18	2.95	13.13

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	21	36	0	57
%	36.84	63.16	0.00	100.00
MEAN WEIGHT	103.76	107.50	0.00	106.12
% SAMP. WT.	36.02	63.98	0.00	100.00

TABLE 16 TRAWL SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 4

SOURCE: OTHER

GEAR: HERRING TRAWL

WEEK: 20 DATE: NOV 10/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	3	18	29	11	7	1	3	3	1	24	100
% AT AGE	0.00	3.95	23.68	38.16	14.47	9.21	1.32	3.95	3.95	1.32	0.00	100.00
LENGTH - MEAN(mm)	0.00	154.33	189.61	204.41	211.55	212.29	224.00	221.00	232.33	243.00	203.75	203.34
- STD. DEV.	0.00	1.15	7.52	7.80	6.47	7.34	0.00	13.08	15.37	0.00	14.47	16.34
WEIGHT - MEAN(gm)	0.00	51.33	100.89	134.10	158.09	167.00	189.00	184.33	213.00	204.00	131.13	134.99
- STD. DEV.	0.00	4.04	16.01	15.08	21.40	12.62	0.00	49.89	29.05	0.00	29.98	36.55

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	3	75	22	0	0	0	0	0
% AT STAGE	0.00	3.00	75.00	22.00	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	56	0	0	56
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	44	56	0	100
%	44.00	56.00	0.00	100.00
MEAN WEIGHT	137.75	132.82	0.00	134.99
% SAMP. WT.	44.90	55.10	0.00	100.00

TABLE 16 (CONT.) TRAWL SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 13

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

WEEK: 22 DATE: NOV 23/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	7	27	13	13	4	8	4	2	21	100
% AT AGE	0.00	1.27	8.86	34.18	16.46	16.46	5.06	10.13	5.06	2.53	0.00	100.00
LENGTH - MEAN(mm)	0.00	160.00	195.57	202.81	216.15	222.15	231.25	229.75	237.75	231.50	210.24	212.95
- STD. DEV.	0.00	0.00	9.83	8.12	4.71	5.18	9.60	8.55	11.24	0.71	12.73	15.28
WEIGHT - MEAN(gm)	0.00	61.00	112.43	136.70	162.62	185.31	203.25	198.38	185.50	192.50	148.81	157.14
- STD. DEV.	0.00	0.00	17.98	18.39	14.94	18.53	18.41	9.59	33.79	19.09	28.73	33.93

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	63	36	0	0	0	0	0
% AT STAGE	0.00	1.00	63.00	36.00	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	44	0	0	44
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	56	44	0	100
%	56.00	44.00	0.00	100.00
MEAN WEIGHT	149.96	166.27	0.00	157.14
% SAMP. WT.	53.44	46.56	0.00	100.00

TABLE 16 (CONT.) TRAWL SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 46, 42

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

WEEK: 23 DATE: NOV 30/82 - DEC 1/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	17	50	35	13	6	8	4	0	62	196
% AT AGE	0.00	0.75	12.69	37.31	26.12	9.70	4.48	5.97	2.99	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	168.00	183.06	201.36	210.14	219.23	226.17	230.25	225.00	0.00	206.56	206.42
- STD. DEV.	0.00	0.00	8.50	7.83	7.37	4.97	6.94	6.92	8.60	0.00	12.91	14.36
WEIGHT - MEAN(gm)	0.00	77.00	104.47	134.38	157.37	170.62	187.83	198.13	196.00	0.00	145.53	147.03
- STD. DEV.	0.00	0.00	14.96	11.72	19.12	10.95	24.12	17.08	11.22	0.00	28.29	29.84

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	2	126	68	0	0	0	0	0
% AT STAGE	0.00	1.02	64.29	34.69	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	117	0	0	117
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	79	117	0	196
%	40.31	59.69	0.00	100.00
MEAN WEIGHT	142.23	150.26	0.00	147.03
% SAMP. WT.	38.99	61.01	0.00	100.00

TABLE 16 (CONT.) TRAWL SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 19

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

WEEK: 22 DATE: NOV 26/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	24	20	9	7	4	1	2	0	32	100
% AT AGE	0.00	1.47	35.29	29.41	13.24	10.29	5.88	1.47	2.94	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	165.00	182.46	197.80	207.33	217.71	226.00	204.00	234.00	0.00	193.47	196.57
- STD. DEV.	0.00	0.00	6.85	6.13	9.33	8.54	7.62	0.00	2.83	0.00	18.58	17.53
WEIGHT - MEAN(gm)	0.00	68.00	98.75	126.70	149.11	171.43	190.25	138.00	220.50	0.00	117.91	126.27
- STD. DEV.	0.00	0.00	14.52	12.72	20.07	22.63	13.57	0.00	21.92	0.00	35.12	36.31

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	59	41	0	0	0	0	0
% AT STAGE	0.00	0.00	59.00	41.00	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	57	0	0	57
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	43	57	0	100
%	43.00	57.00	0.00	100.00
MEAN WEIGHT	124.00	127.98	0.00	126.27
% SAMP. WT.	42.23	57.77	0.00	100.00

TABLE 16 (CONT.) TRAWL SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 35

SOURCE: FOOD FISHERY

GEAR: HERRING TRAWL

WEEK: 23 DATE: NOV 29/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	1	19	32	9	13	2	2	4	0	18	100
% AT AGE	0.00	1.22	23.17	39.02	10.98	15.85	2.44	2.44	4.88	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	172.00	191.32	207.78	215.78	221.92	227.00	228.50	228.25	0.00	203.78	207.75
- STD. DEV.	0.00	0.00	8.58	7.13	8.12	6.91	4.24	2.12	4.57	0.00	17.09	14.98
WEIGHT - MEAN(gm)	0.00	83.00	111.37	133.91	151.67	171.92	182.00	209.00	200.50	0.00	145.39	142.85
- STD. DEV.	0.00	0.00	17.71	13.34	24.14	22.05	5.66	1.41	26.21	0.00	31.57	32.19

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	26	74	0	0	0	0	0
% AT STAGE	0.00	0.00	26.00	74.00	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	45	0	0	45
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	55	45	0	100
%	55.00	45.00	0.00	100.00
MEAN WEIGHT	137.13	149.84	0.00	142.85
% SAMP. WT.	52.80	47.20	0.00	100.00

TABLE 17 INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 131 - OTHER AREA 13 STRAIT

SAMPLE NUMBERS: 14, 2

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 20 DATE: NOV 11/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	38	89	20	11	11	2	0	0	0	26	197
% AT AGE	0.00	22.22	52.05	11.70	6.43	6.43	1.17	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	148.18	172.46	188.40	192.45	201.55	202.00	0.00	0.00	0.00	182.62	173.78
- STD. DEV.	0.00	8.04	9.77	9.93	11.30	8.70	2.83	0.00	0.00	0.00	22.05	19.18
WEIGHT - MEAN(gm)	0.00	48.39	80.90	109.10	115.36	134.18	148.50	0.00	0.00	0.00	101.62	85.81
- STD. DEV.	0.00	8.72	13.41	18.04	16.32	18.52	12.02	0.00	0.00	0.00	36.95	50.39

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	10	31	122	34	0	0	0	0	0
% AT STAGE	5.08	15.74	61.93	17.26	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	105	0	0	105
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	92	105	0	197
%	46.70	53.30	0.00	100.00
MEAN WEIGHT	84.95	86.57	0.00	85.81
% SAMP. WT.	46.23	53.77	0.00	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 131 - OTHER AREA 13 STRAIT

SAMPLE NUMBERS: 5

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 21 DATE: NOV 16/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	22	47	10	5	3	2	1	0	0	6	96
% AT AGE	0.00	24.44	52.22	11.11	5.56	3.33	2.22	1.11	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	146.59	173.06	189.60	204.20	214.00	214.00	214.00	0.00	0.00	164.00	172.33
- STD. DEV.	0.00	8.72	9.16	6.24	7.60	34.87	12.73	0.00	0.00	0.00	26.94	21.95
WEIGHT - MEAN(gm)	0.00	45.09	79.68	107.40	140.80	127.67	143.50	155.00	0.00	0.00	91.50	82.18
- STD. DEV.	0.00	8.39	12.70	12.51	17.46	24.79	13.44	0.00	0.00	0.00	38.74	31.47

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	28	65	3	0	0	0	0	0
% AT STAGE	0.00	29.17	67.71	3.13	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	60	0	0	60
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	36	60	0	96
%	37.50	62.50	0.00	100.00
MEAN WEIGHT	93.22	75.55	0.00	82.18
% SAMP. WT.	42.54	57.46	0.00	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 131 - OTHER AREA 13 STRAIT

SAMPLE NUMBERS: 59, 57

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 23/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	8	108	35	7	13	2	0	0	0	24	197
% AT AGE	0.00	4.62	62.43	20.23	4.05	7.51	1.16	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	155.13	173.69	190.34	194.00	196.77	198.50	0.00	0.00	0.00	180.21	179.19
- STD. DEV.	0.00	4.29	7.75	9.90	10.77	9.99	4.95	0.00	0.00	0.00	16.35	13.65
WEIGHT - MEAN(gm)	0.00	59.63	88.31	114.40	125.14	135.62	134.00	0.00	0.00	0.00	101.46	98.28
- STD. DEV.	0.00	7.69	11.86	20.28	23.73	20.20	0.00	0.00	0.00	0.00	29.87	24.33

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	10	118	69	0	0	0	0	0
% AT STAGE	0.00	5.08	59.90	35.03	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	104	0	0	104
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	93	104	0	197
%	47.21	52.79	0.00	100.00
MEAN WEIGHT	97.48	98.99	0.00	98.28
% SAMP. WT.	46.83	53.17	0.00	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 30, 11

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 20 DATE: NOV 10/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	36	86	35	11	3	1	1	0	0	25	198
% AT AGE	0.00	20.81	49.71	20.23	6.36	1.73	0.58	0.58	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.03	170.41	174.49	189.00	200.33	156.00	210.00	0.00	0.00	178.48	171.33
- STD. DEV.	0.00	12.44	14.29	18.18	21.73	17.93	0.00	0.00	0.00	0.00	20.31	18.31
WEIGHT - MEAN(gm)	0.00	59.89	78.63	87.60	112.18	132.33	65.00	160.00	0.00	0.00	96.32	82.06
- STD. DEV.	0.00	16.34	19.42	27.79	35.26	32.81	0.00	0.00	0.00	0.00	34.67	28.49

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	5	52	122	16	2	0	0	0	1
% AT STAGE	2.53	26.26	61.62	8.08	1.01	0.00	0.00	0.00	0.51

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	111	0	1	112
%	99.11	0.00	0.89	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	86	112	0	198
%	43.43	56.57	0.00	100.00
MEAN WEIGHT	82.15	81.99	0.00	82.06
% SAMP. WT.	43.48	56.52	0.00	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 1, 8, 10, 7

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 21 DATE: NOV 15/82 - NOV 18/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	101	162	43	24	8	0	3	0	0	51	392
% AT AGE	0.00	29.62	47.51	12.61	7.04	2.35	0.00	0.88	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	148.99	174.60	186.35	199.46	209.50	0.00	210.67	0.00	0.00	172.43	171.52
- STD. DEV.	0.00	9.01	8.93	9.00	11.30	15.64	0.00	3.06	0.00	0.00	23.39	19.82
WEIGHT - MEAN(gm)	0.00	47.20	81.75	101.88	128.79	152.00	0.00	147.67	0.00	0.00	85.25	80.33
- STD. DEV.	0.00	8.47	12.98	15.80	23.52	29.82	0.00	15.01	0.00	0.00	33.03	30.44

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	24	73	246	49	0	0	0	0	0
% AT STAGE	6.12	18.62	62.76	12.50	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	183	0	0	183
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	208	183	1	392
%	53.06	46.68	0.26	100.00
MEAN WEIGHT	78.49	82.66	36.00	80.33
% SAMP. WT.	51.85	48.04	0.11	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 132 - KANISH BAY

SAMPLE NUMBERS: 62

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 22/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	32	14	15	9	3	0	1	0	26	100
% AT AGE	0.00	0.00	43.24	18.92	20.27	12.16	4.05	0.00	1.35	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	175.72	195.86	203.87	207.00	203.67	0.00	218.00	0.00	196.85	192.33
- STD. DEV.	0.00	0.00	7.81	10.41	8.65	6.56	2.89	0.00	0.00	0.00	10.94	14.98
WEIGHT - MEAN(gm)	0.00	0.00	89.34	123.64	144.47	146.89	141.33	0.00	180.00	0.00	127.15	119.89
- STD. DEV.	0.00	0.00	11.26	18.77	20.04	7.34	6.11	0.00	0.00	0.00	22.59	28.33

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	2	59	39	0	0	0	0	0
% AT STAGE	0.00	2.00	59.00	39.00	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	49	0	0	49
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	51	49	0	100
%	51.00	49.00	0.00	100.00
MEAN WEIGHT	111.12	129.02	0.00	119.89
% SAMP. WT.	47.27	52.73	0.00	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 34

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 20 DATE: NOV 7/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	30	20	8	5	1	1	0	0	33	98
% AT AGE	0.00	0.00	46.15	30.77	12.31	7.69	1.54	1.54	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	178.87	195.90	207.75	212.40	228.00	227.00	0.00	0.00	184.36	189.26
- STD. DEV.	0.00	0.00	10.10	10.31	7.70	13.98	0.00	0.00	0.00	0.00	32.74	23.54
WEIGHT - MEAN(gm)	0.00	0.00	103.63	135.65	161.25	165.00	210.00	202.00	0.00	0.00	121.73	126.18
- STD. DEV.	0.00	0.00	16.55	18.95	13.09	25.40	0.00	0.00	0.00	0.00	52.26	39.62

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	9	68	18	0	0	0	0	2
% AT STAGE	1.02	9.18	69.39	18.37	0.00	0.00	0.00	0.00	2.04

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	54	0	0	54
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	42	54	2	98
%	42.86	55.10	2.04	100.00
MEAN WEIGHT	120.48	134.81	13.00	126.18
% SAMP. WT.	40.92	58.87	0.21	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 63, 24, 31

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 21 DATE: NOV 16/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	11	82	65	36	18	4	9	5	0	66	296
% AT AGE	0.00	4.78	35.65	28.26	15.65	7.83	1.74	3.91	2.17	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.55	182.88	201.37	206.36	215.61	217.25	228.44	230.00	0.00	196.80	196.59
- STD. DEV.	0.00	7.99	10.64	10.27	9.55	10.35	9.18	8.25	11.90	0.00	17.56	18.69
WEIGHT - MEAN(gm)	0.00	66.55	105.89	141.34	155.94	175.28	183.75	205.78	218.60	0.00	136.79	135.40
- STD. DEV.	0.00	10.44	18.20	18.82	19.54	26.68	29.80	21.25	25.64	0.00	40.69	39.10

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	4	155	136	0	0	0	0	0
% AT STAGE	0.34	1.35	52.36	45.95	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	154	0	0	154
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	142	154	0	296
%	47.97	52.03	0.00	100.00
MEAN WEIGHT	131.13	139.34	0.00	135.40
% SAMP. WT.	46.46	53.54	0.00	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 60

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 25/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	94	2	0	0	0	0	0	0	0	0	4	100
% AT AGE	97.92	2.08	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	97.07	135.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	97.00	97.84
- STD. DEV.	5.96	13.44	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	6.38	8.10
WEIGHT - MEAN(gm)	13.40	39.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.50	13.93
- STD. DEV.	2.33	9.19	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1.73	4.42

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	0	98	0	0	0	0	0	0
% AT STAGE	2.00	0.00	98.00	0.00	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	1	0	0	1
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	1	1	98	100
%	1.00	1.00	98.00	100.00
MEAN WEIGHT	46.00	33.00	13.41	13.93
% SAMP. WT.	3.30	2.37	94.33	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 61, 51, 49

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 23 DATE: NOV 28/82 - NOV 30/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	4	74	106	35	6	3	0	2	1	63	294
% AT AGE	0.00	1.73	32.03	45.89	15.15	2.60	1.30	0.00	0.87	0.43	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.75	185.96	200.19	206.74	219.83	219.33	0.00	225.50	248.00	195.46	196.73
- STD. DEV.	0.00	19.81	9.36	9.12	10.02	4.45	3.06	0.00	4.95	0.00	12.98	14.17
WEIGHT - MEAN(gm)	0.00	62.75	102.19	130.11	144.14	167.83	179.00	0.00	194.50	239.00	120.43	123.84
- STD. DEV.	0.00	23.51	16.05	18.57	20.44	11.89	8.72	0.00	10.61	0.00	25.40	27.70

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	5	158	128	2	0	0	0	0
% AT STAGE	0.34	1.70	53.74	43.54	0.68	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	165	1	0	164
%	99.39	0.61	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	130	164	0	294
%	44.22	55.78	0.00	100.00
MEAN WEIGHT	121.32	125.84	0.00	123.84
% SAMP. WT.	43.32	56.68	0.00	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 70, 84, 72

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 24 DATE: DEC 7/82 - DEC 9/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	9	97	75	30	11	7	4	2	0	60	295
% AT AGE	0.00	3.83	41.28	31.91	12.77	4.68	2.98	1.70	0.85	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	168.78	185.87	202.60	211.13	221.91	226.43	228.50	235.00	0.00	195.98	197.44
- STD. DEV.	0.00	10.11	8.63	9.64	8.57	9.79	8.66	10.97	0.00	0.00	16.09	16.63
WEIGHT - MEAN(gm)	0.00	75.56	103.38	133.92	156.57	181.18	195.43	203.75	216.00	0.00	121.27	126.55
- STD. DEV.	0.00	13.45	14.93	19.61	18.63	16.65	23.46	13.18	26.87	0.00	30.48	33.89

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	36	208	50	0	0	0	0
% AT STAGE	0.00	0.34	12.20	70.51	16.95	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	147	1	0	148
%	99.32	0.68	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	147	148	0	295
%	49.83	50.17	0.00	100.00
MEAN WEIGHT	122.58	130.50	0.00	126.55
% SAMP. WT.	48.27	51.73	0.00	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 78, 82

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 25 DATE: DEC 13/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	10	79	42	12	8	0	2	0	0	46	199
% AT AGE	0.00	6.54	51.63	27.45	7.84	5.23	0.00	1.31	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.80	185.25	201.83	211.17	214.75	0.00	234.50	0.00	0.00	194.09	192.66
- STD. DEV.	0.00	3.91	8.94	9.48	8.16	5.18	0.00	13.44	0.00	0.00	14.98	16.34
WEIGHT - MEAN(gm)	0.00	63.70	102.16	128.45	146.75	158.00	0.00	203.00	0.00	0.00	116.83	115.12
- STD. DEV.	0.00	5.08	13.30	19.20	19.06	16.46	0.00	48.08	0.00	0.00	24.84	27.94

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	10	146	42	0	0	0	0
% AT STAGE	0.00	0.50	5.03	73.37	21.11	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	92	1	0	93
%	98.92	1.08	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	105	93	0	198
%	53.03	46.97	0.00	100.00
MEAN WEIGHT	111.17	119.62	0.00	115.14
% SAMP. WT.	51.20	48.80	0.00	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 9, 8, 7

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 29 DATE: JAN 13/83 - JAN 15/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	27	71	79	35	19	5	7	1	1	54	299
% AT AGE	0.00	11.02	28.98	32.24	14.29	7.76	2.04	2.86	0.41	0.41	0.00	100.00
LENGTH - MEAN(mm)	0.00	155.96	182.69	197.87	206.86	213.95	218.00	218.57	237.00	216.00	192.98	192.69
- STD. DEV.	0.00	11.18	9.16	8.50	7.86	6.16	4.47	6.55	0.00	0.00	16.07	18.61
WEIGHT - MEAN(gm)	0.00	59.33	96.28	124.84	142.57	153.26	162.00	175.71	202.00	150.00	116.80	116.73
- STD. DEV.	0.00	12.64	13.19	15.61	17.90	14.51	13.73	20.92	0.00	0.00	28.31	32.33

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	2	21	275	0	0	0	0	0
% AT STAGE	0.33	0.67	7.02	91.97	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	148	0	0	148
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	15.05	0.00	0.00	15.05

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	151	148	0	299
%	50.50	49.50	0.00	100.00
MEAN WEIGHT	113.13	120.40	0.00	116.73
% SAMP. WT.	48.94	51.06	0.00	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 171 - OTHER AREA 17

SAMPLE NUMBERS: 17, 1, 2, 13, 5, 11, 4, 3, 10, 6

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 30 DATE: JAN 17/83 - JAN 22/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	49	292	259	116	37	25	12	10	0	184	984
% AT AGE	0.00	6.13	36.50	32.38	14.50	4.63	3.13	1.50	1.25	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	158.39	182.13	197.91	205.64	214.00	220.36	225.50	232.00	0.00	192.79	193.07
- STD. DEV.	0.00	10.46	10.94	10.26	8.67	8.63	9.08	6.53	7.07	0.00	17.05	17.92
WEIGHT - MEAN(gm)	0.00	63.02	95.52	123.21	139.22	160.16	171.64	182.08	195.90	0.00	114.22	116.28
- STD. DEV.	0.00	11.01	16.08	19.94	16.64	19.84	20.47	21.08	17.34	0.00	30.40	32.19

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	5	109	832	36	0	0	0	0
% AT STAGE	0.20	0.51	11.08	84.55	3.66	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	468	5	0	473
%	98.94	1.06	0.00	100.00
% SAMPLE WEIGHT	14.48	0.22	0.00	14.70

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	511	473	0	984
%	51.93	48.07	0.00	100.00
MEAN WEIGHT	114.26	118.46	0.00	116.28
% SAMP. WT.	51.03	48.97	0.00	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 172 - NANOOSE BAY

SAMPLE NUMBERS: 81

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 24 DATE: DEC 8/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	81	9	2	0	0	0	0	0	0	8	100
% AT AGE	0.00	88.04	9.78	2.17	0.00	0.00	0.00	0.00	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	145.33	160.33	186.00	0.00	0.00	0.00	0.00	0.00	0.00	148.00	147.71
- STD. DEV.	0.00	5.72	7.21	4.24	0.00	0.00	0.00	0.00	0.00	0.00	7.09	9.12
WEIGHT - MEAN(gm)	0.00	49.83	67.22	87.50	0.00	0.00	0.00	0.00	0.00	0.00	65.13	53.37
- STD. DEV.	0.00	6.87	6.48	9.19	0.00	0.00	0.00	0.00	0.00	0.00	35.61	13.94

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	6	89	5	0	0	0	0	0
% AT STAGE	0.00	6.00	89.00	5.00	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	54	0	0	54
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	46	54	0	100
%	46.00	54.00	0.00	100.00
MEAN WEIGHT	53.54	53.22	0.00	53.37
% SAMP. WT.	46.15	53.85	0.00	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 32, 26

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 20 DATE: NOV 9/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	10	69	54	17	8	2	2	0	0	37	199
% AT AGE	0.00	6.17	42.59	33.33	10.49	4.94	1.23	1.23	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.30	182.99	201.09	205.12	217.00	213.00	230.00	0.00	0.00	192.05	192.68
- STD. DEV.	0.00	8.27	8.13	8.90	10.73	3.78	5.66	8.49	0.00	0.00	18.55	16.37
WEIGHT - MEAN(gm)	0.00	73.50	105.90	139.91	152.94	186.88	164.50	220.00	0.00	0.00	126.00	126.25
- STD. DEV.	0.00	11.58	16.01	20.55	23.67	18.06	36.06	1.41	0.00	0.00	36.11	34.01

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	2	136	61	0	0	0	0	0
% AT STAGE	0.00	1.01	68.34	30.65	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	84	0	0	84
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	115	84	0	199
%	57.79	42.21	0.00	100.00
MEAN WEIGHT	125.10	127.82	0.00	126.25
% SAMP. WT.	57.26	42.74	0.00	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 54, 3, 23, 22, 58, 27, 29

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 21 DATE: NOV 15/82 - NOV 19/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	43	299	121	52	19	8	5	2	0	143	692
% AT AGE	0.00	7.83	54.46	22.04	9.47	3.46	1.46	0.91	0.36	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.79	182.07	196.43	205.77	211.58	218.13	224.80	223.00	0.00	190.38	188.35
- STD. DEV.	0.00	8.91	8.90	10.21	7.68	8.10	7.10	8.64	8.49	0.00	14.21	15.72
WEIGHT - MEAN(gm)	0.00	69.28	102.30	129.63	149.42	166.95	179.38	185.40	202.50	0.00	116.70	115.10
- STD. DEV.	0.00	13.34	14.84	20.39	16.65	20.51	19.53	14.98	0.71	0.00	26.34	29.40

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	31	467	192	0	0	0	0	0
% AT STAGE	0.29	4.48	67.49	27.75	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	352	0	0	352
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	340	352	0	692
%	49.13	50.87	0.00	100.00
MEAN WEIGHT	113.97	116.19	0.00	115.10
% SAMP. WT.	48.65	51.35	0.00	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 67

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 25/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	0	14	16	6	4	1	0	1	0	33	75
% AT AGE	0.00	0.00	33.33	38.10	14.29	9.52	2.38	0.00	2.38	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	0.00	181.21	198.88	204.00	212.25	223.00	0.00	230.00	0.00	192.30	194.55
- STD. DEV.	0.00	0.00	8.06	8.33	10.24	6.55	0.00	0.00	0.00	0.00	12.51	13.93
WEIGHT - MEAN(gm)	0.00	0.00	104.79	136.19	156.33	162.75	195.00	0.00	223.00	0.00	127.30	131.39
- STD. DEV.	0.00	0.00	13.06	22.96	16.44	13.18	0.00	0.00	0.00	0.00	29.26	30.83

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	31	44	0	0	0	0	0
% AT STAGE	0.00	0.00	41.33	58.67	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	33	0	0	33
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	42	33	0	75
%	56.00	44.00	0.00	100.00
MEAN WEIGHT	127.60	136.21	0.00	131.39
% SAMP. WT.	54.38	45.62	0.00	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 55, 52, 47, 64

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 23 DATE: NOV 29/82 - DEC 1/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	10	174	86	25	14	7	1	0	0	79	396
% AT AGE	0.00	3.15	54.89	27.13	7.89	4.42	2.21	0.32	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.90	181.03	198.51	204.36	210.21	221.57	217.00	0.00	0.00	196.19	190.58
- STD. DEV.	0.00	3.90	10.69	10.11	7.04	7.05	6.02	0.00	0.00	0.00	13.96	15.74
WEIGHT - MEAN(gm)	0.00	68.90	105.80	136.00	151.12	159.29	186.57	172.00	0.00	0.00	127.92	122.19
- STD. DEV.	0.00	8.61	15.45	21.47	18.39	18.01	16.46	0.00	0.00	0.00	26.96	28.36

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	2	146	245	3	0	0	0	0
% AT STAGE	0.00	0.51	36.87	61.87	0.76	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	199	0	0	199
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	197	199	0	396
%	49.75	50.25	0.00	100.00
MEAN WEIGHT	120.06	124.30	0.00	122.19
% SAMP. WT.	48.88	51.12	0.00	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 173 - YELLOW POINT

SAMPLE NUMBERS: 80, 79, 66, 83

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 24 DATE: DEC 7/82 - DEC 8/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	5	116	106	37	15	4	4	0	0	111	398
% AT AGE	0.00	1.74	40.42	36.93	12.89	5.23	1.39	1.39	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	165.80	183.82	198.62	207.65	218.13	216.25	222.00	0.00	0.00	194.33	194.69
- STD. DEV.	0.00	7.36	8.07	7.79	9.48	6.64	11.81	12.70	0.00	0.00	13.47	13.98
WEIGHT - MEAN(gm)	0.00	73.80	102.40	130.22	145.78	173.87	170.25	175.00	0.00	0.00	120.36	122.60
- STD. DEV.	0.00	7.12	11.26	18.75	21.32	21.84	31.31	34.77	0.00	0.00	27.27	27.87

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	2	115	250	31	0	0	0	0
% AT STAGE	0.00	0.50	28.89	62.81	7.79	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	199	0	0	199
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	199	199	0	398
%	50.00	50.00	0.00	100.00
MEAN WEIGHT	120.01	125.18	0.00	122.60
% SAMP. WT.	48.95	51.05	0.00	100.00

TABLE 17 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY SECTION AND WEEK

SECTION: 191 - OTHER AREA 19

SAMPLE NUMBERS: 50, 48, 56, 53

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 24/82 - NOV 26/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	18	114	90	33	10	5	3	3	0	123	399
% AT AGE	0.00	6.52	41.30	32.61	11.96	3.62	1.81	1.09	1.09	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	163.94	184.54	196.54	207.58	216.60	226.40	229.00	223.33	0.00	193.59	192.97
- STD. DEV.	0.00	9.08	9.57	10.49	10.07	9.77	5.41	2.65	6.43	0.00	13.71	15.70
WEIGHT - MEAN(gm)	0.00	69.61	100.26	121.52	147.85	171.80	198.00	189.00	193.00	0.00	116.66	117.05
- STD. DEV.	0.00	11.77	16.28	22.22	23.15	21.59	16.08	17.35	24.98	0.00	27.19	31.38

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	32	251	116	0	0	0	0	0
% AT STAGE	0.00	8.02	62.91	29.07	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	203	0	0	203
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	196	203	0	399
%	49.12	50.88	0.00	100.00
MEAN WEIGHT	112.17	121.75	0.00	117.05
% SAMP. WT.	47.08	52.92	0.00	100.00

TABLE 18 INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 13 - QUATHIASKI

SAMPLE NUMBERS: 11, 14, 30, 2

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 20 DATE: NOV 10/82 - NOV 11/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	74	175	55	22	14	3	1	0	0	51	395
% AT AGE	0.00	21.51	50.87	15.99	6.40	4.07	0.87	0.29	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	152.49	171.45	179.55	190.73	201.29	186.67	210.00	0.00	0.00	180.59	172.55
- STD. DEV.	0.00	11.26	12.21	16.98	16.99	10.39	26.63	0.00	0.00	0.00	21.10	18.77
WEIGHT - MEAN(gm)	0.00	53.99	79.78	95.42	113.77	133.79	120.67	160.00	0.00	0.00	99.02	83.93
- STD. DEV.	0.00	14.14	16.63	26.64	26.86	20.74	48.95	0.00	0.00	0.00	35.59	29.48

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	15	83	244	50	2	0	0	0	1
% AT STAGE	3.80	21.01	61.77	12.66	0.51	0.00	0.00	0.00	0.25

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	216	0	1	217
%	99.54	0.00	0.46	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	178	217	0	395
%	45.06	54.94	0.00	100.00
MEAN WEIGHT	83.60	84.21	0.00	83.93
% SAMP. WT.	44.88	55.12	0.00	100.00

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 13 - QUATHIASKI

SAMPLE NUMBERS: 7, 5, 1, 8, 10

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 21 DATE: NOV 15/82 - NOV 18/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	123	209	53	29	11	2	4	0	0	57	488
% AT AGE	0.00	28.54	48.49	12.30	6.73	2.55	0.46	0.93	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	148.56	174.25	186.96	200.28	210.73	214.00	211.50	0.00	0.00	171.54	171.68
- STD. DEV.	0.00	8.97	8.98	8.59	10.79	20.47	12.73	3.00	0.00	0.00	23.67	20.23
WEIGHT - MEAN(gm)	0.00	46.82	81.28	102.92	130.86	145.36	143.50	149.50	0.00	0.00	85.91	80.69
- STD. DEV.	0.00	8.46	12.91	15.28	22.79	29.57	15.04	12.79	0.00	0.00	33.34	30.62

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	24	101	311	52	0	0	0	0	0
% AT STAGE	4.92	20.70	63.73	10.66	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	243	0	0	243
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	244	243	1	488
%	50.00	49.80	0.20	100.00
MEAN WEIGHT	80.66	80.91	36.00	80.69
% SAMP. WT.	49.98	49.93	0.09	100.00

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 13 - QUATHIASKI

SAMPLE NUMBERS: 62, 59, 57

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 22/82 - NOV 23/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	8	140	49	22	22	5	0	1	0	50	297
% AT AGE	0.00	3.24	56.68	19.84	8.91	8.91	2.02	0.00	0.40	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	155.13	174.16	191.92	200.73	200.95	201.60	0.00	218.00	0.00	188.86	183.61
- STD. DEV.	0.00	4.29	7.79	10.25	10.25	10.00	4.28	0.00	0.00	0.00	16.02	15.40
WEIGHT - MEAN(gm)	0.00	59.63	88.55	117.04	138.32	140.23	138.40	0.00	180.00	0.00	114.82	105.56
- STD. DEV.	0.00	7.69	11.70	20.11	22.66	16.91	5.90	0.00	0.00	0.00	29.11	27.66

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	12	177	108	0	0	0	0	0
% AT STAGE	0.00	4.04	59.60	36.36	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	153	0	0	153
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	144	153	0	297
%	48.48	51.52	0.00	100.00
MEAN WEIGHT	102.31	108.61	0.00	105.56
% SAMP. WT.	47.00	53.00	0.00	100.00

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 26, 32, 34

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 20 DATE: NOV 7/82 - NOV 9/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	10	99	74	25	13	3	3	0	0	70	297
% AT AGE	0.00	4.41	43.61	32.60	11.01	5.73	1.32	1.32	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	164.30	181.74	199.69	205.96	215.23	218.00	229.00	0.00	0.00	188.43	191.55
- STD. DEV.	0.00	8.27	8.92	9.52	9.78	8.88	9.54	6.24	0.00	0.00	26.30	19.06
WEIGHT - MEAN(gm)	0.00	73.50	105.21	138.76	155.60	178.46	179.67	214.00	0.00	0.00	123.99	126.23
- STD. DEV.	0.00	11.58	16.12	20.09	20.96	22.98	36.61	10.44	0.00	0.00	44.18	35.96

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	11	204	79	0	0	0	0	2
% AT STAGE	0.34	3.70	68.69	26.60	0.00	0.00	0.00	0.00	0.67

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	138	0	0	138
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	157	138	2	297
%	52.86	46.46	0.67	100.00
MEAN WEIGHT	123.86	130.56	13.00	126.23
% SAMP. WT.	51.87	48.06	0.07	100.00

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 63, 24, 22, 31, 29, 58, 27, 3, 54, 23

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 21 DATE: NOV 15/82 - NOV 19/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	54	381	186	88	37	12	14	7	0	209	988
% AT AGE	0.00	6.93	48.91	23.88	11.30	4.75	1.54	1.80	0.90	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	159.33	182.25	198.16	206.01	213.54	217.83	227.14	228.00	0.00	192.41	190.82
- STD. DEV.	0.00	8.71	9.30	10.47	8.45	9.36	7.43	8.25	10.86	0.00	15.59	17.08
WEIGHT - MEAN(gm)	0.00	68.72	103.08	133.72	152.09	171.00	180.83	198.50	214.00	0.00	123.04	121.18
- STD. DEV.	0.00	12.76	15.67	20.58	18.07	23.75	22.13	21.21	22.36	0.00	32.84	33.89

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	3	35	622	328	0	0	0	0	0
% AT STAGE	0.30	3.54	62.96	33.20	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	506	0	0	506
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	482	506	0	988
%	48.79	51.21	0.00	100.00
MEAN WEIGHT	119.03	123.24	0.00	121.18
% SAMP. WT.	47.92	52.08	0.00	100.00

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 60, 67

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 25/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	94	2	14	16	6	4	1	0	1	0	37	175
% AT AGE	68.12	1.45	10.14	11.59	4.35	2.90	0.72	0.00	0.72	0.00	0.00	100.00
LENGTH - MEAN(mm)	97.07	135.50	181.21	198.88	204.00	212.25	223.00	0.00	230.00	0.00	182.00	139.29
- STD. DEV.	5.96	13.44	8.06	8.33	10.24	6.55	0.00	0.00	0.00	0.00	32.29	49.23
WEIGHT - MEAN(gm)	13.40	39.50	104.79	136.19	156.33	162.75	195.00	0.00	223.00	0.00	115.00	64.27
- STD. DEV.	2.33	9.19	13.06	22.96	16.44	13.18	0.00	0.00	0.00	0.00	45.22	61.75

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	0	129	44	0	0	0	0	0
% AT STAGE	1.14	0.00	73.71	25.14	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	34	0	0	34
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	43	34	98	175
%	24.57	19.43	56.00	100.00
MEAN WEIGHT	125.70	133.18	13.41	64.27
% SAMP. WT.	48.06	40.26	11.68	100.00

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 49, 55, 52, 51, 61, 47, 64

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 23 DATE: NOV 28/82 - DEC 1/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	14	248	192	60	20	10	1	2	1	142	690
% AT AGE	0.00	2.55	45.26	35.04	10.95	3.65	1.82	0.18	0.36	0.18	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.86	182.50	199.44	205.75	213.10	220.90	217.00	225.50	248.00	195.87	193.20
- STD. DEV.	0.00	10.05	10.54	9.58	8.91	7.72	5.24	0.00	4.95	0.00	13.49	15.39
WEIGHT - MEAN(gm)	0.00	67.14	104.72	132.75	147.05	161.85	184.30	172.00	194.50	239.00	124.60	122.89
- STD. DEV.	0.00	13.68	15.69	20.08	19.76	16.59	14.52	0.00	10.61	0.00	26.45	28.07

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	7	304	373	5	0	0	0	0
% AT STAGE	0.14	1.01	44.06	54.06	0.72	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	362	1	0	363
%	99.72	0.28	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	327	363	0	690
%	47.39	52.61	0.00	100.00
MEAN WEIGHT	120.56	124.99	0.00	122.89
% SAMP. WT.	46.49	53.51	0.00	100.00

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 80, 84, 72, 79, 81, 66, 83, 70

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 24 DATE: DEC 7/82 - DEC 9/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	95	222	183	67	26	11	8	2	0	179	793
% AT AGE	0.00	15.47	36.16	29.80	10.91	4.23	1.79	1.30	0.33	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	148.63	183.76	200.11	209.21	219.73	222.73	225.25	235.00	0.00	192.82	189.79
- STD. DEV.	0.00	10.14	9.62	8.88	9.18	8.17	10.64	11.52	0.00	0.00	17.17	21.65
WEIGHT - MEAN(gm)	0.00	53.53	101.40	131.27	150.61	176.96	186.27	189.38	216.00	0.00	118.20	115.34
- STD. DEV.	0.00	11.74	14.63	19.60	20.73	19.79	28.03	28.78	26.87	0.00	30.82	37.39

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	9	240	463	81	0	0	0	0
% AT STAGE	0.00	1.13	30.26	58.39	10.21	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	400	1	0	401
%	99.75	0.25	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	392	401	0	793
%	49.43	50.57	0.00	100.00
MEAN WEIGHT	113.17	117.45	0.00	115.34
% SAMP. WT.	48.50	51.50	0.00	100.00

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 82, 78

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 25 DATE: DEC 13/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	10	79	42	12	8	0	2	0	0	46	199
% AT AGE	0.00	6.54	51.63	27.45	7.84	5.23	0.00	1.31	0.00	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	157.80	185.25	201.83	211.17	214.75	0.00	234.50	0.00	0.00	194.09	192.66
- STD. DEV.	0.00	3.91	8.94	9.48	8.16	5.18	0.00	13.44	0.00	0.00	14.98	16.34
WEIGHT - MEAN(gm)	0.00	63.70	102.16	128.45	146.75	158.00	0.00	203.00	0.00	0.00	116.83	115.12
- STD. DEV.	0.00	5.08	13.30	19.20	19.06	16.46	0.00	48.08	0.00	0.00	24.84	27.94

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	1	10	146	42	0	0	0	0
% AT STAGE	0.00	0.50	5.03	73.37	21.11	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	92	1	0	93
%	98.92	1.08	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	105	93	0	198
%	53.03	46.97	0.00	100.00
MEAN WEIGHT	111.17	119.62	0.00	115.14
% SAMP. WT.	51.20	48.80	0.00	100.00

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 9, 8, 7

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 29 DATE: JAN 13/83 - JAN 15/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	27	71	79	35	19	5	7	1	1	54	299
% AT AGE	0.00	11.02	28.98	32.24	14.29	7.76	2.04	2.86	0.41	0.41	0.00	100.00
LENGTH - MEAN(mm)	0.00	155.96	182.69	197.87	206.86	213.95	218.00	218.57	237.00	216.00	192.98	192.69
- STD. DEV.	0.00	11.18	9.16	8.50	7.86	6.16	4.47	6.55	0.00	0.00	16.07	18.61
WEIGHT - MEAN(gm)	0.00	59.33	96.28	124.84	142.57	153.26	162.00	175.71	202.00	150.00	116.80	116.73
- STD. DEV.	0.00	12.64	13.19	15.61	17.90	14.51	13.73	20.92	0.00	0.00	28.31	32.33

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	1	2	21	275	0	0	0	0	0
% AT STAGE	0.33	0.67	7.02	91.97	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	148	0	0	148
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	15.05	0.00	0.00	15.05

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	151	148	0	299
%	50.50	49.50	0.00	100.00
MEAN WEIGHT	113.13	120.40	0.00	116.73
% SAMP. WT.	48.94	51.06	0.00	100.00

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 17 - NANAIMO

SAMPLE NUMBERS: 17, 1, 2, 13, 5, 11, 4, 10, 3, 6

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 30 DATE: JAN 17/83 - JAN 22/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	49	292	259	116	37	25	12	10	0	184	984
% AT AGE	0.00	6.13	36.50	32.38	14.50	4.63	3.13	1.50	1.25	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	158.39	182.13	197.91	205.64	214.00	220.36	225.50	232.00	0.00	192.79	193.07
- STD. DEV.	0.00	10.46	10.94	10.26	8.67	8.63	9.08	6.53	7.07	0.00	17.05	17.92
WEIGHT - MEAN(gm)	0.00	63.02	95.52	123.21	139.22	160.16	171.64	182.08	195.90	0.00	114.22	116.28
- STD. DEV.	0.00	11.01	16.08	19.94	16.64	19.84	20.47	21.08	17.34	0.00	30.40	32.19

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	2	5	109	832	36	0	0	0	0
% AT STAGE	0.20	0.51	11.08	84.55	3.66	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	468	5	0	473
%	98.94	1.06	0.00	100.00
% SAMPLE WEIGHT	14.48	0.22	0.00	14.70

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	511	473	0	984
%	51.93	48.07	0.00	100.00
MEAN WEIGHT	114.26	118.46	0.00	116.28
% SAMP. WT.	51.03	48.97	0.00	100.00

TABLE 18 (CONT.) INSHORE RESEARCH SAMPLE SUMMARIES BY AREA AND WEEK

AREA: 19 -

SAMPLE NUMBERS: 48, 50, 56, 53

SOURCE: RESEARCH - INSHORE

GEAR: HERRING SEINE

WEEK: 22 DATE: NOV 24/82 - NOV 26/82

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	18	114	90	33	10	5	3	3	0	123	399
% AT AGE	0.00	6.52	41.30	32.61	11.96	3.62	1.81	1.09	1.09	0.00	0.00	100.00
LENGTH - MEAN(mm)	0.00	163.94	184.54	196.54	207.58	216.60	226.40	229.00	223.33	0.00	193.59	192.97
- STD. DEV.	0.00	9.08	9.57	10.49	10.07	9.77	5.41	2.65	6.43	0.00	13.71	15.70
WEIGHT - MEAN(gm)	0.00	69.61	100.26	121.52	147.85	171.80	198.00	189.00	193.00	0.00	116.66	117.05
- STD. DEV.	0.00	11.77	16.28	22.22	23.15	21.59	16.08	17.35	24.98	0.00	27.19	31.38

HJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	32	251	116	0	0	0	0	0
% AT STAGE	0.00	8.02	62.91	29.07	0.00	0.00	0.00	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	203	0	0	203
%	100.00	0.00	0.00	100.00
% SAMPLE WEIGHT	0.00	0.00	0.00	0.00

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	196	203	0	399
%	49.12	50.88	0.00	100.00
MEAN WEIGHT	112.17	121.75	0.00	117.05
% SAMP. WT.	47.68	52.92	0.00	100.00

TABLE 19 SEINE COMMERCIAL BAIT SAMPLE SUMMARIES BY AREA

AREA: 2E - EAST COAST N.B.

SAMPLE NUMBERS: 432,433

SOURCE: BAIT FISHERY

GEAR: HERRING SEINE

DATE: MAY 1/83

SPECIMENS AT EACH AGE:

	AGE											
	1	2	3	4	5	6	7	8	9	10+	UNKNOWN	TOTAL
NO. AT AGE	0	5	55	21	31	13	9	6	7	6	15	168
% AT AGE	0.00	3.27	35.95	13.73	20.26	8.50	5.88	3.92	4.58	3.92	0.00	100.00
LENGTH - MEAN(mm)	0.00	150.80	184.95	191.62	211.90	219.54	223.22	231.67	240.43	249.00	202.27	202.28
- STD. DEV.	0.00	7.85	10.41	12.18	10.11	13.16	9.13	8.19	4.24	11.35	14.51	23.24
WEIGHT - MEAN(gm)	0.00	48.60	94.42	104.33	148.10	159.23	165.00	193.33	197.00	246.00	135.00	129.84
- STD. DEV.	0.00	9.74	21.21	23.92	30.10	32.54	33.85	21.39	32.28	27.94	41.02	49.35

MJORT MATURITY STAGES:

	MATURITY STAGE								
	1	2	3	4	5	6	7	8	UNKNOWN
NO. AT STAGE	0	0	0	14	100	16	38	0	0
% AT STAGE	0.00	0.00	0.00	8.33	59.52	9.52	22.62	0.00	0.00

ROE MATURITY (FEMALE):

	IMMATURE	MATURE	SPENT	TOTAL
NO.	10	72	10	92
%	10.87	78.26	10.87	100.00
% SAMPLE WEIGHT	1.89	24.58	0.20	26.66

SEX RATIO:

	MALE	FEMALE	IMMATURE	TOTAL
NO.	76	92	0	168
%	45.24	54.76	0.00	100.00
MEAN WEIGHT	111.74	144.79	0.00	129.84
% SAMP. WT.	38.93	61.07	0.00	100.00

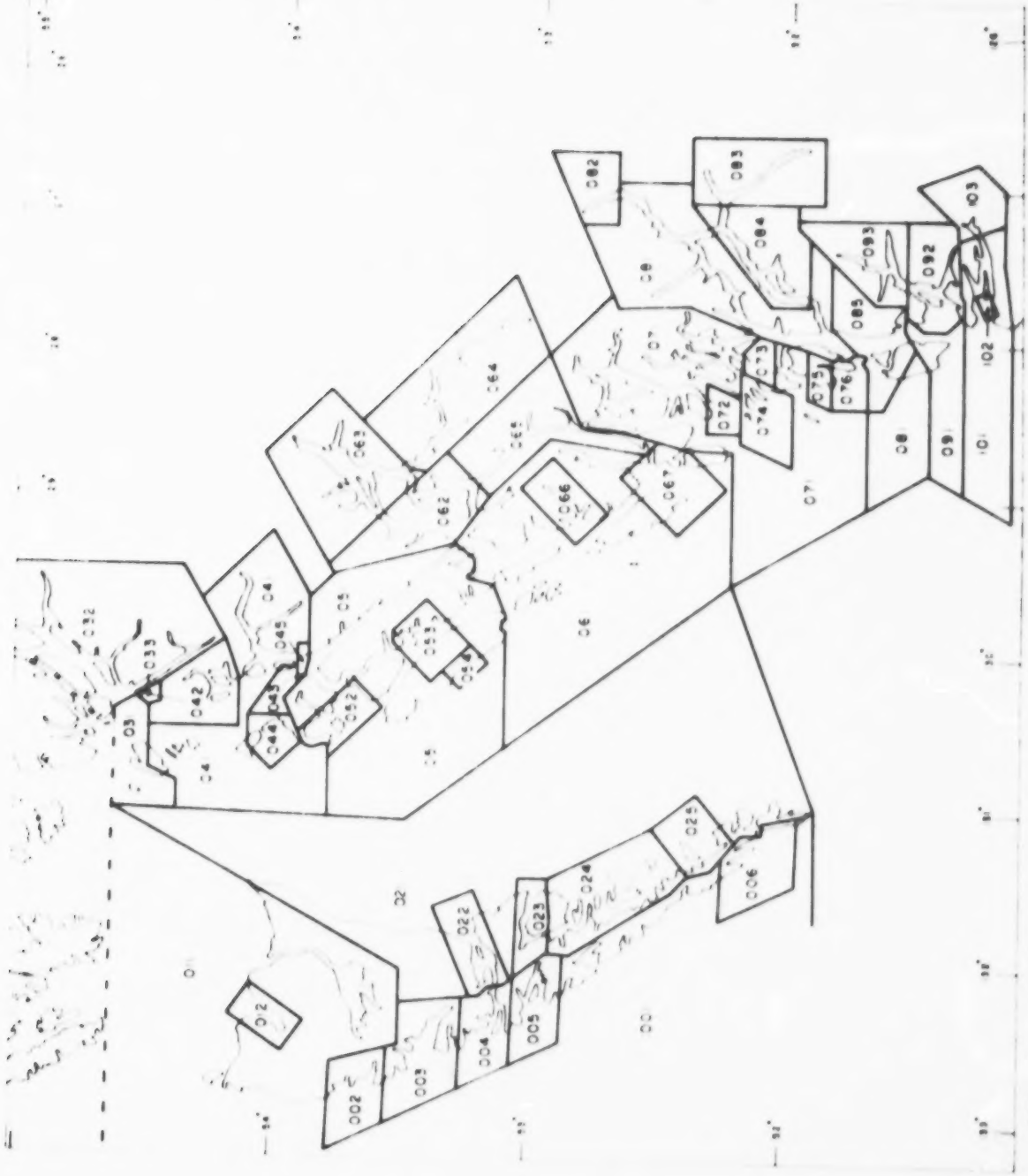

Fig. 1. Herring sections in northern British Columbia.

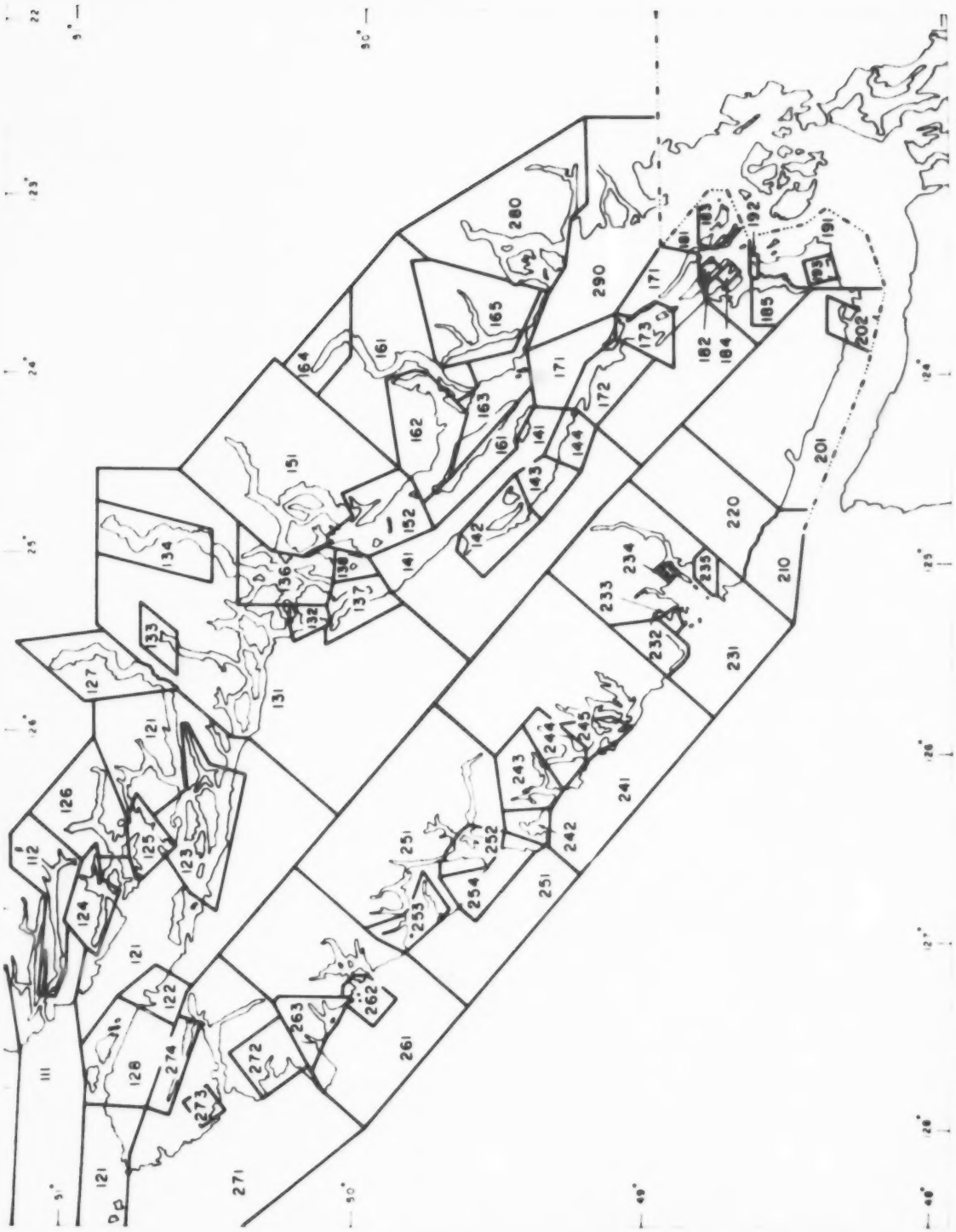

Fig. 2. Herring sections in southern British Columbia.

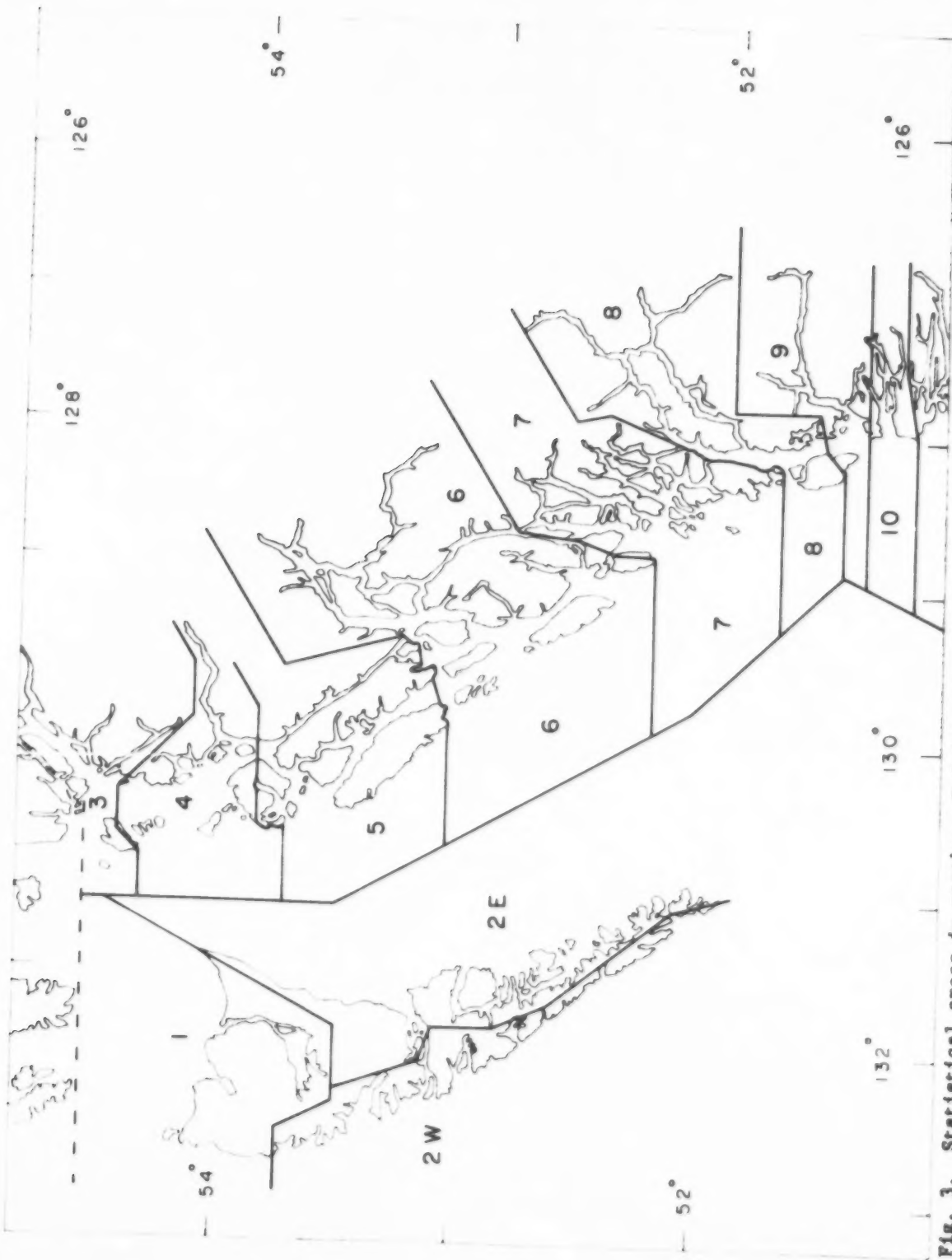

Fig. 3. Statistical areas in northern British Columbia.

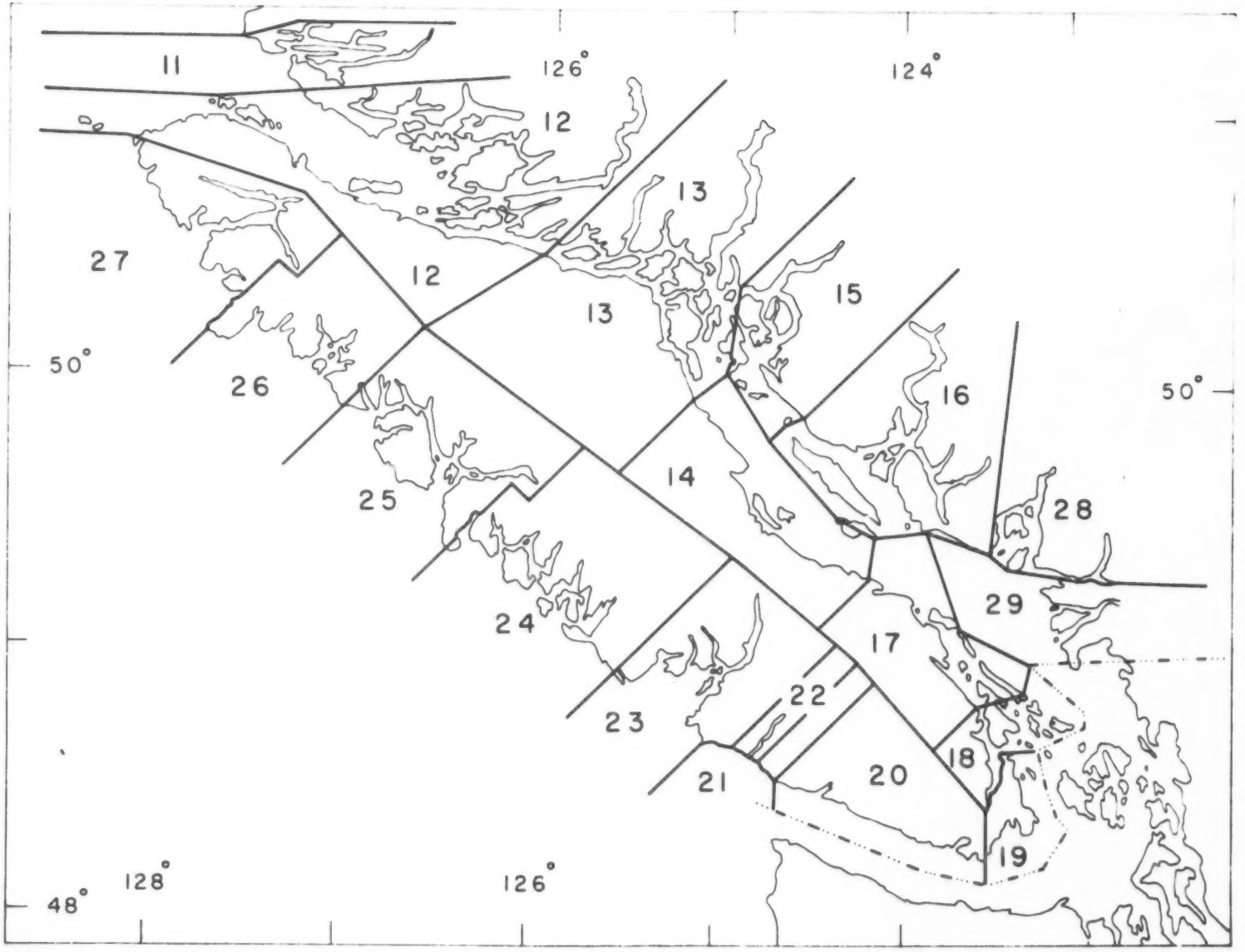

Fig. 4. Statistical areas in southern British Columbia.

POOR

QUALITY

ORIGINAL